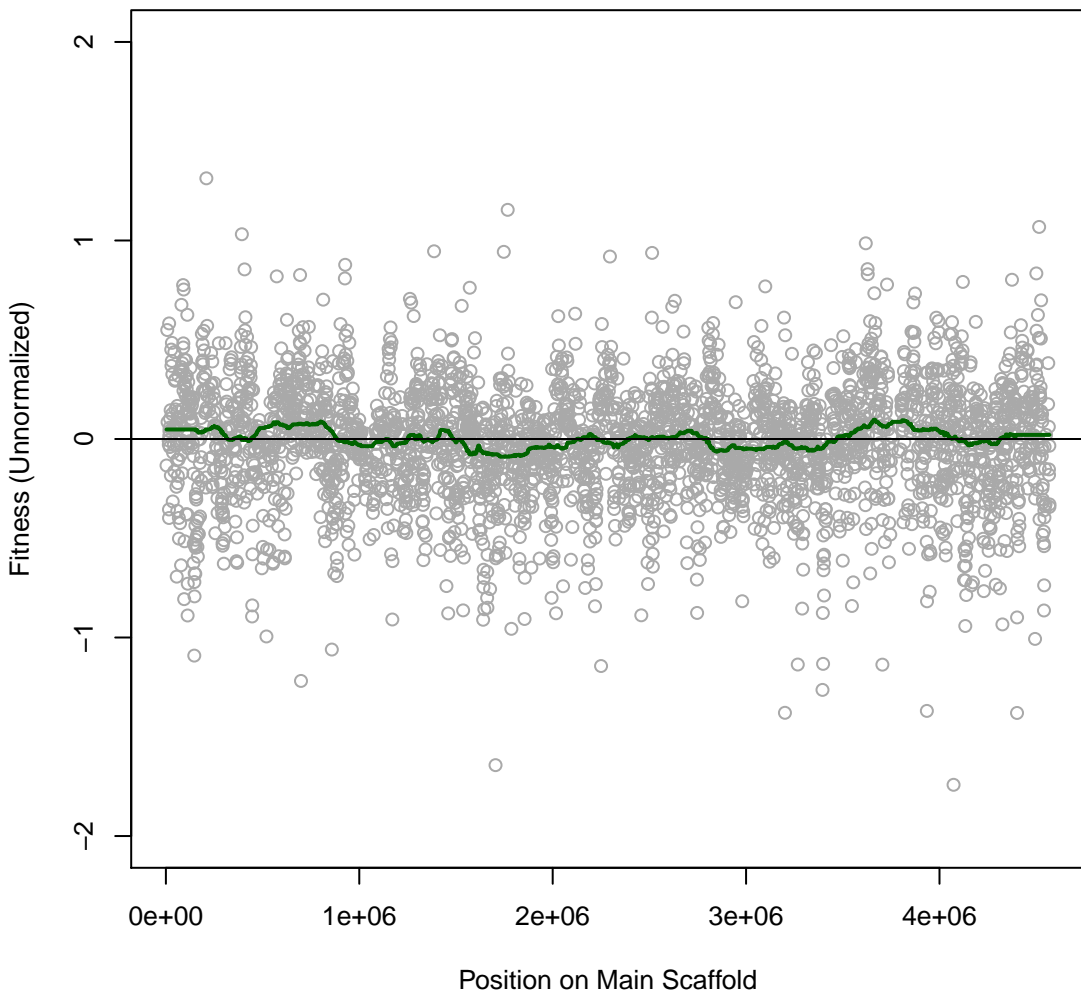
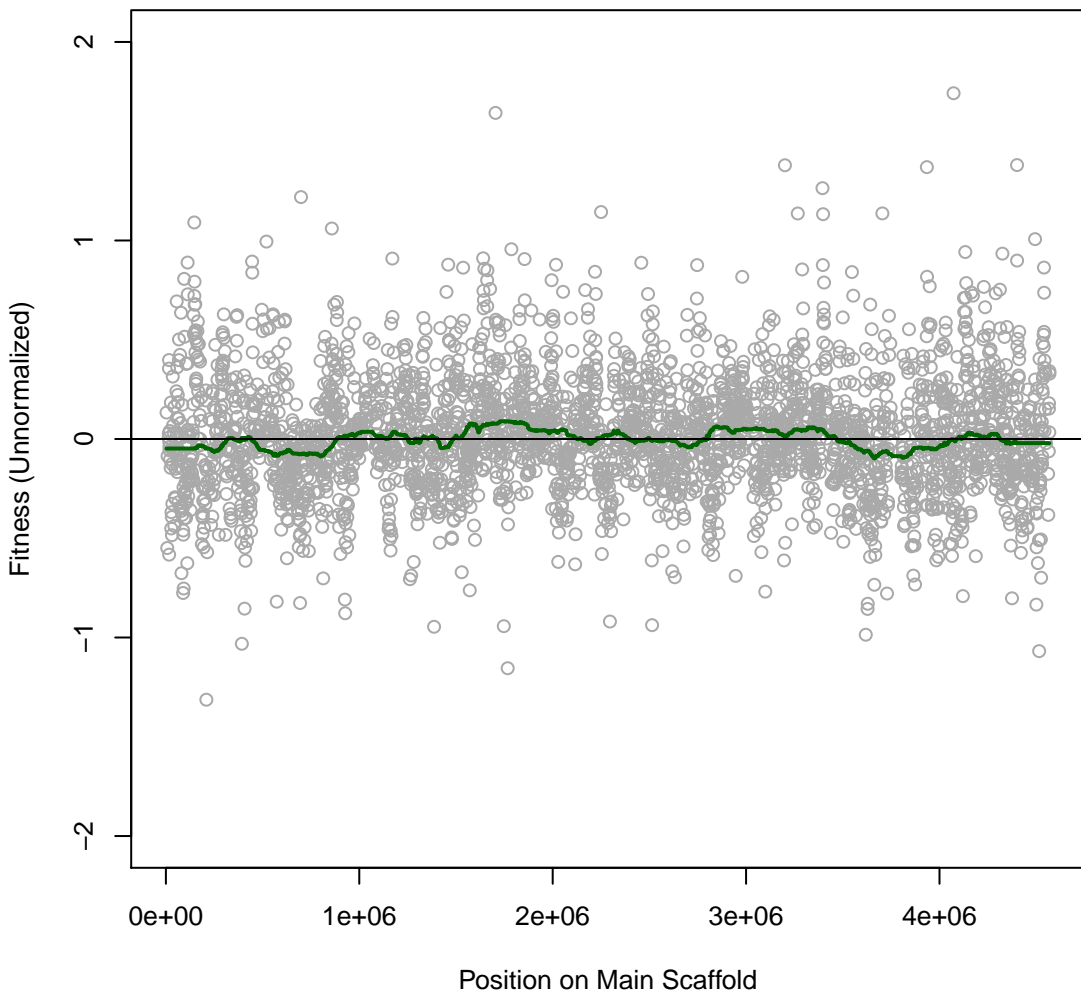


psRCH2 1H1 #1 (gMed=484 rho12=0.445)
Time0

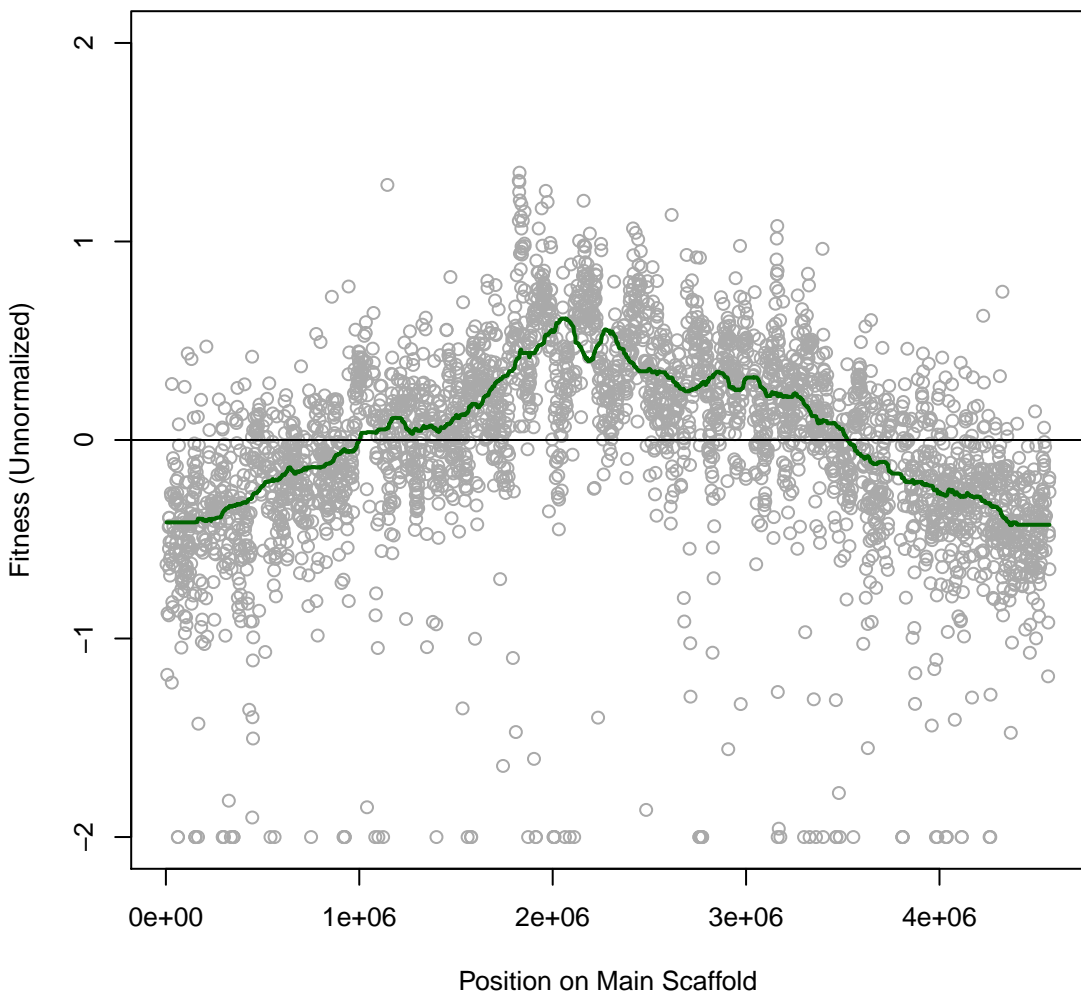


psRCH2 1H2 #2 (gMed=573 rho12=0.445)

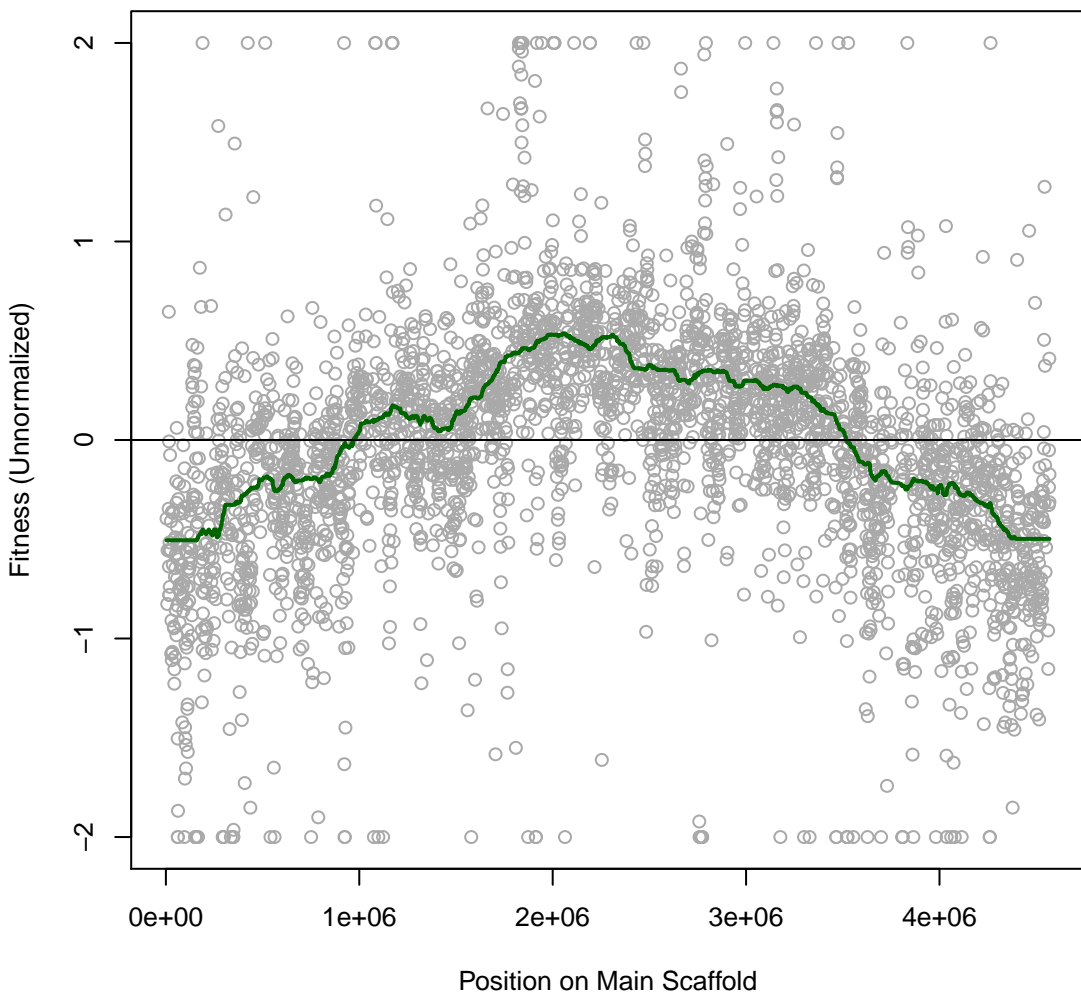
Time0



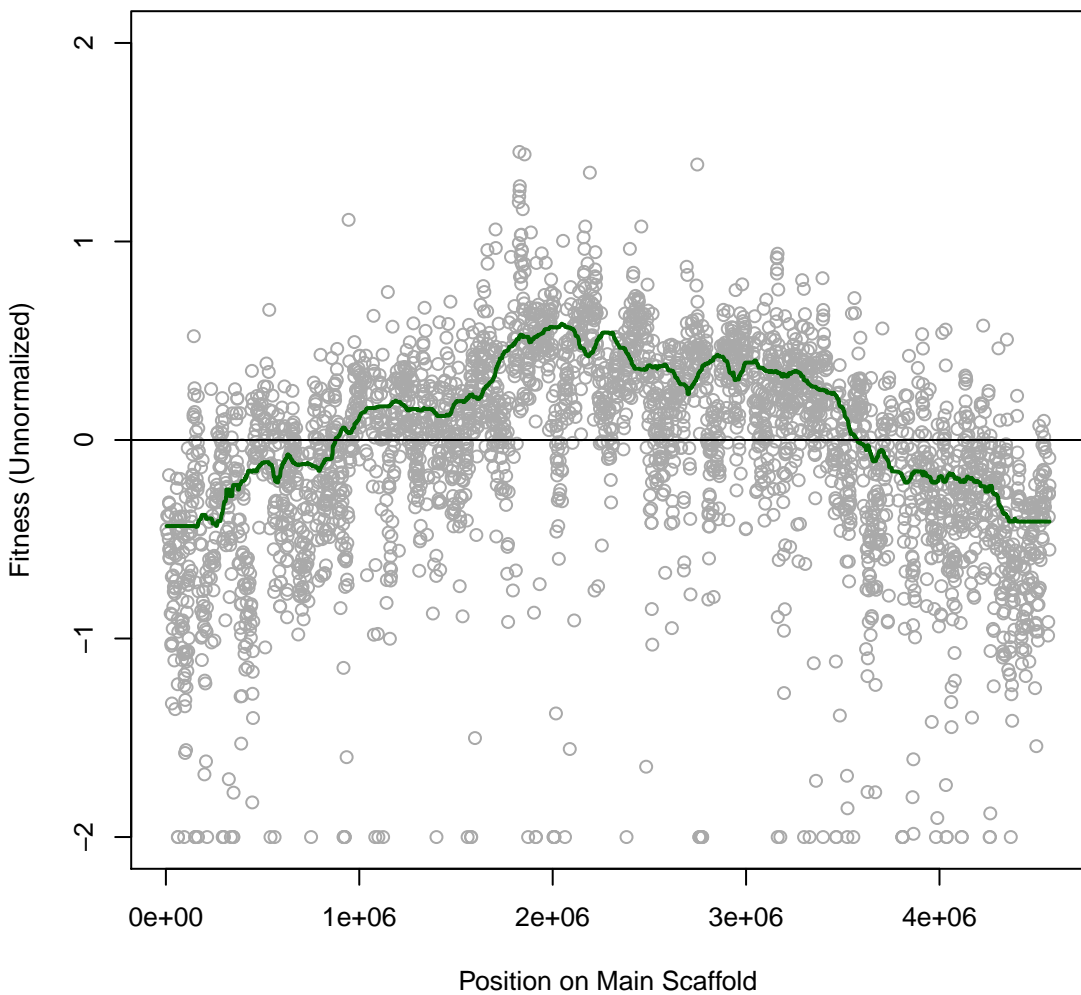
psRCH2 1H3 #3 (gMed=461 rho12=0.615)
D-Glucose (C)



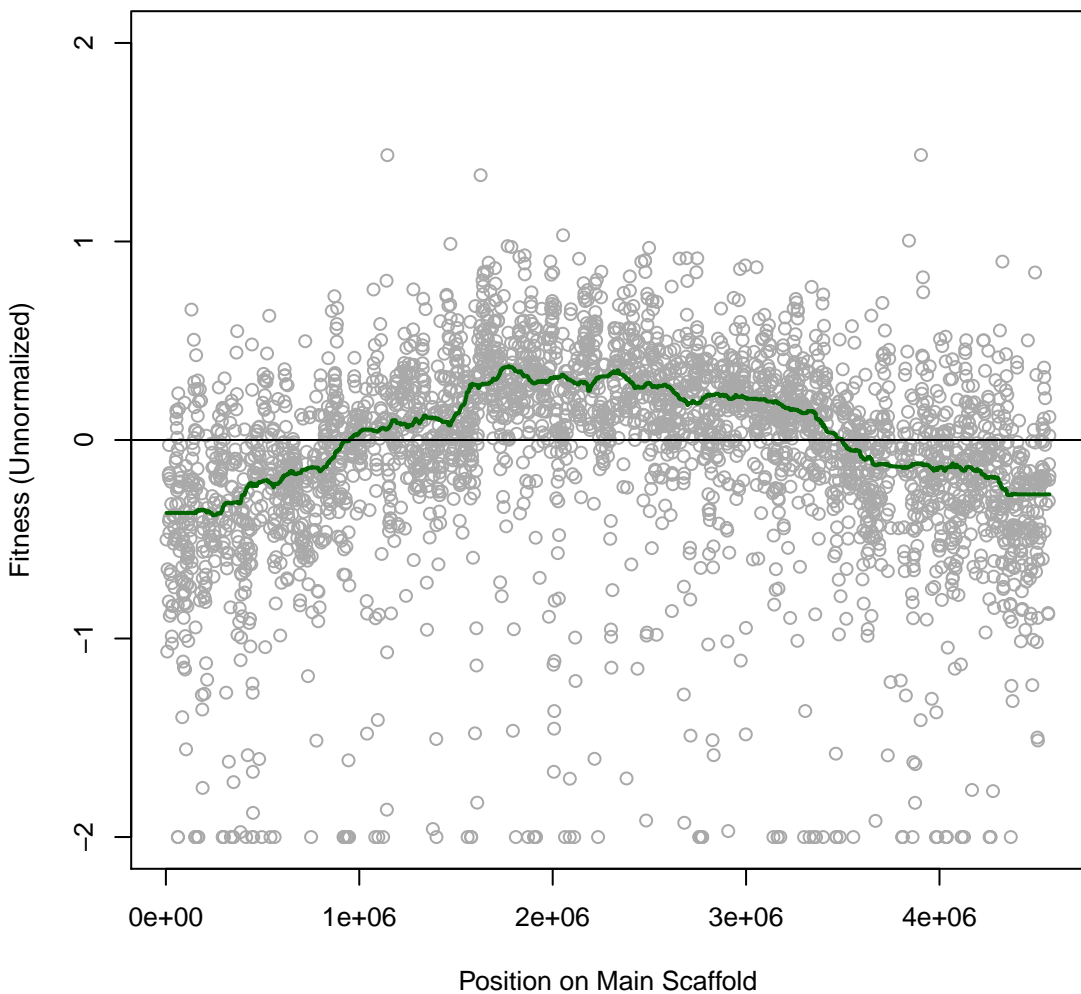
psRCH2 1H4 #4 (gMed=347 rho12=0.551)
D-Fructose (C)



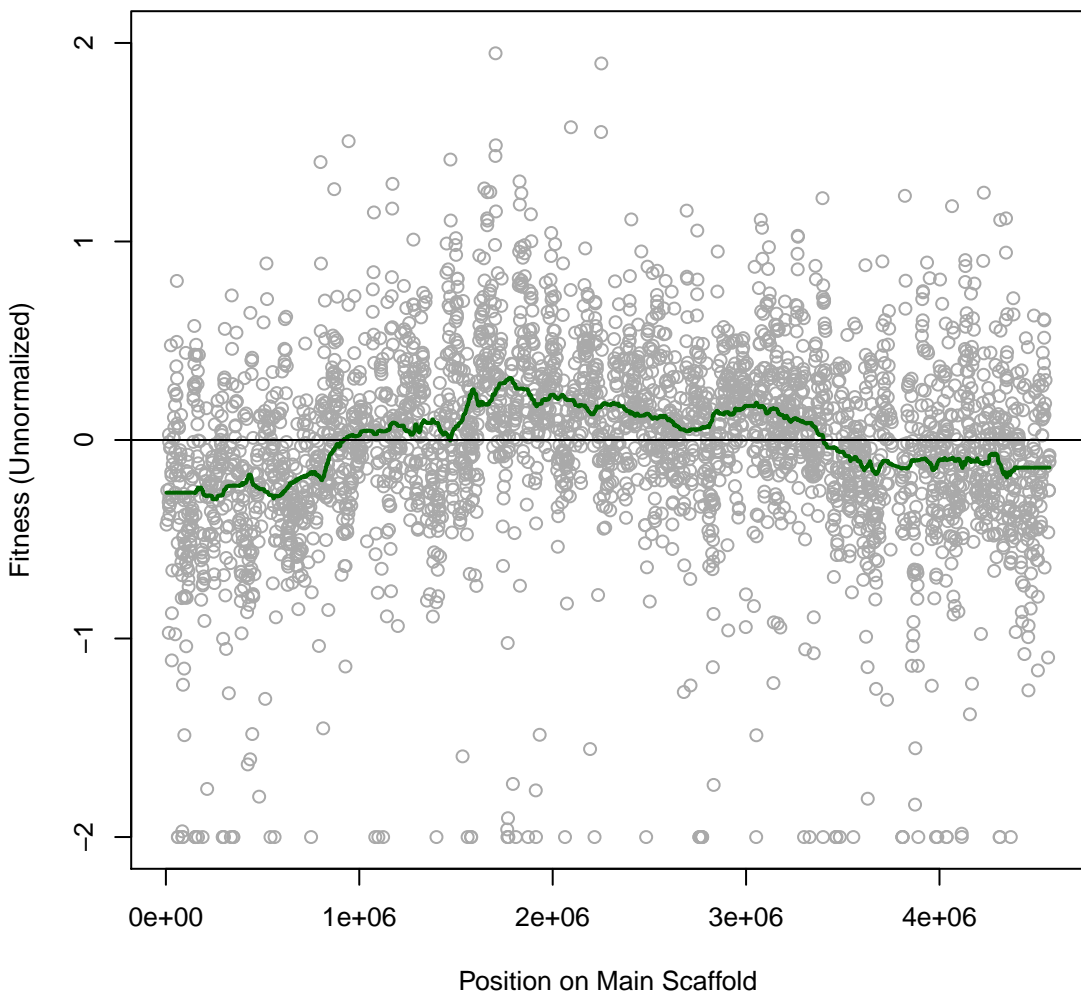
psRCH2 1H5 #5 (gMed=455 rho12=0.653)
Sucrose (C)



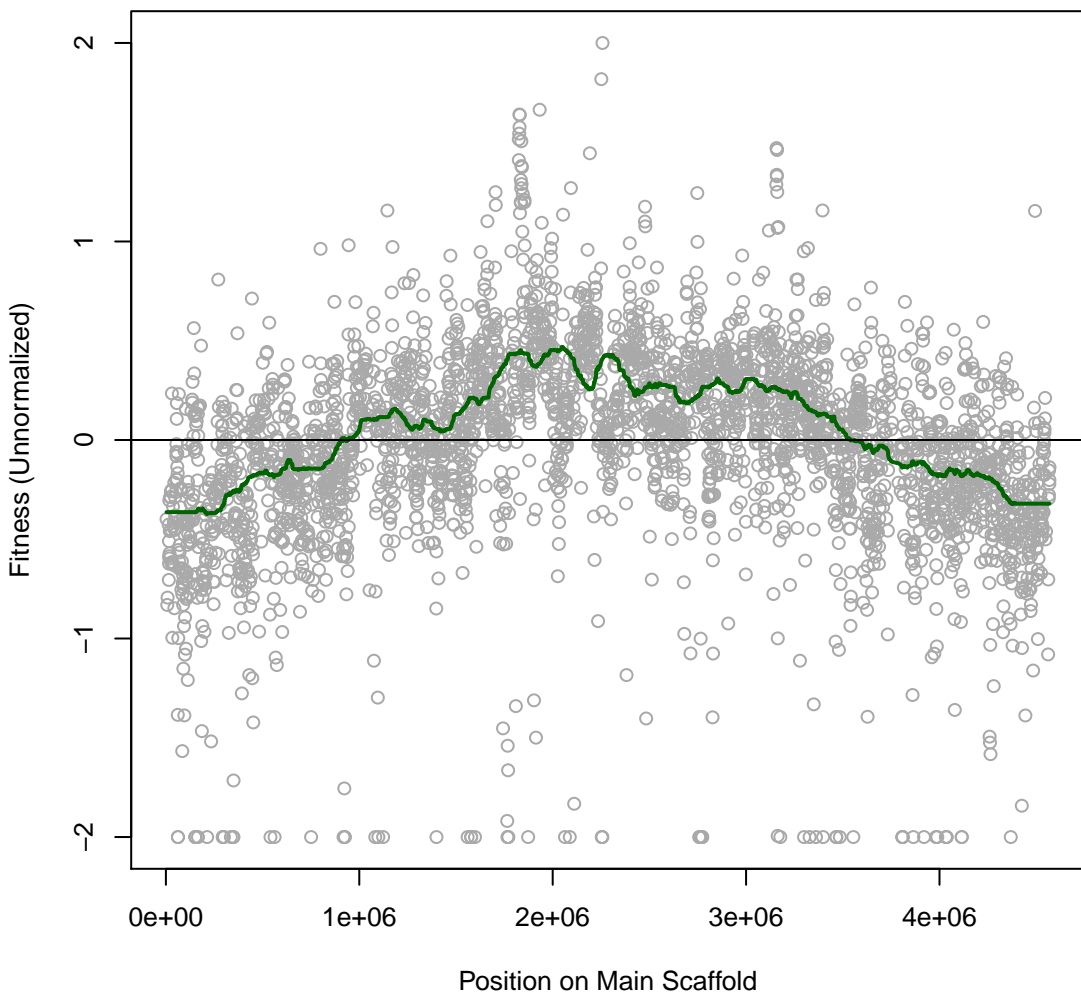
psRCH2 1H6 #6 (gMed=447 rho12=0.581)
D-Maltose (C)



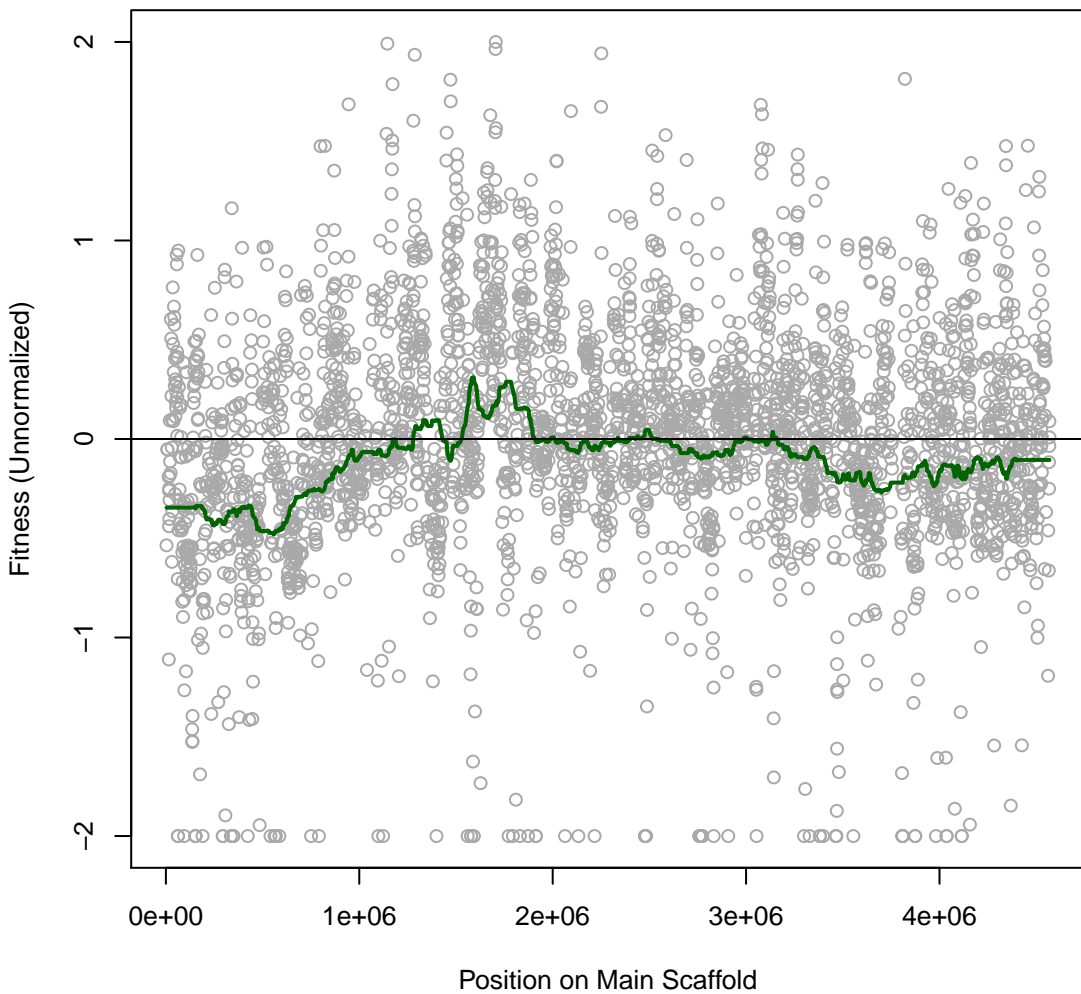
psRCH2 1H7 #7 (gMed=477 rho12=0.655)
 α -Ketoglutaric (C)



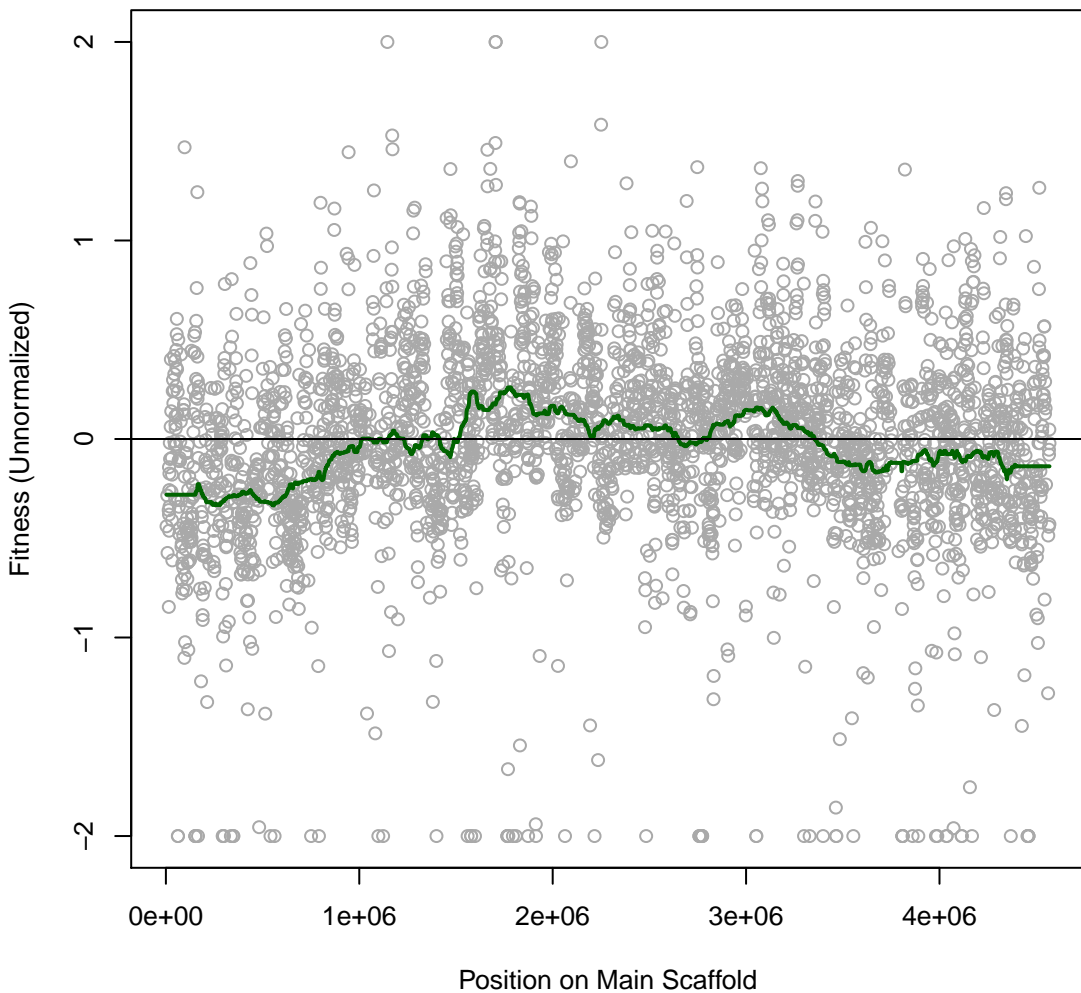
psRCH2 1H8 #8 (gMed=517 rho12=0.615)
D-Gluconic Acid (C)



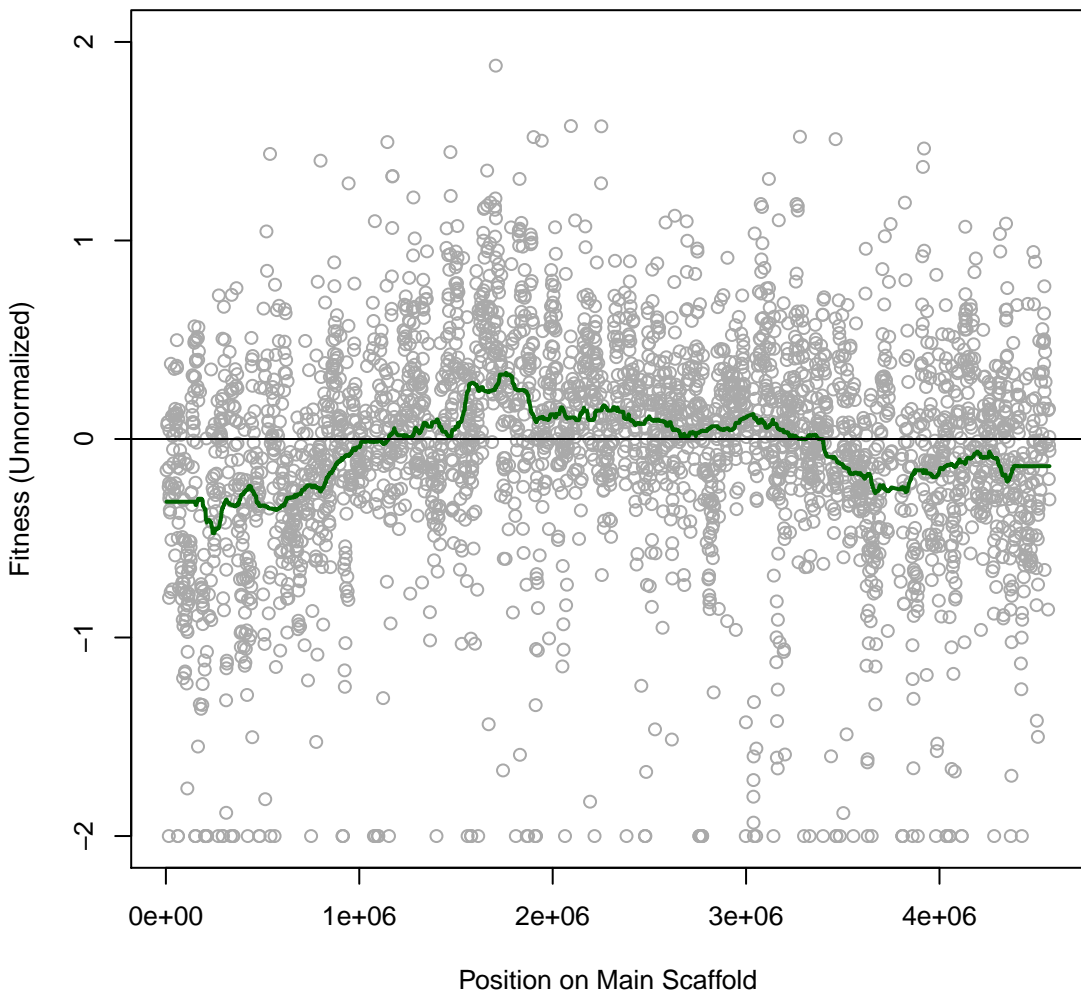
psRCH2 1H9 #9 (gMed=414 rho12=0.761)
acetate (C)



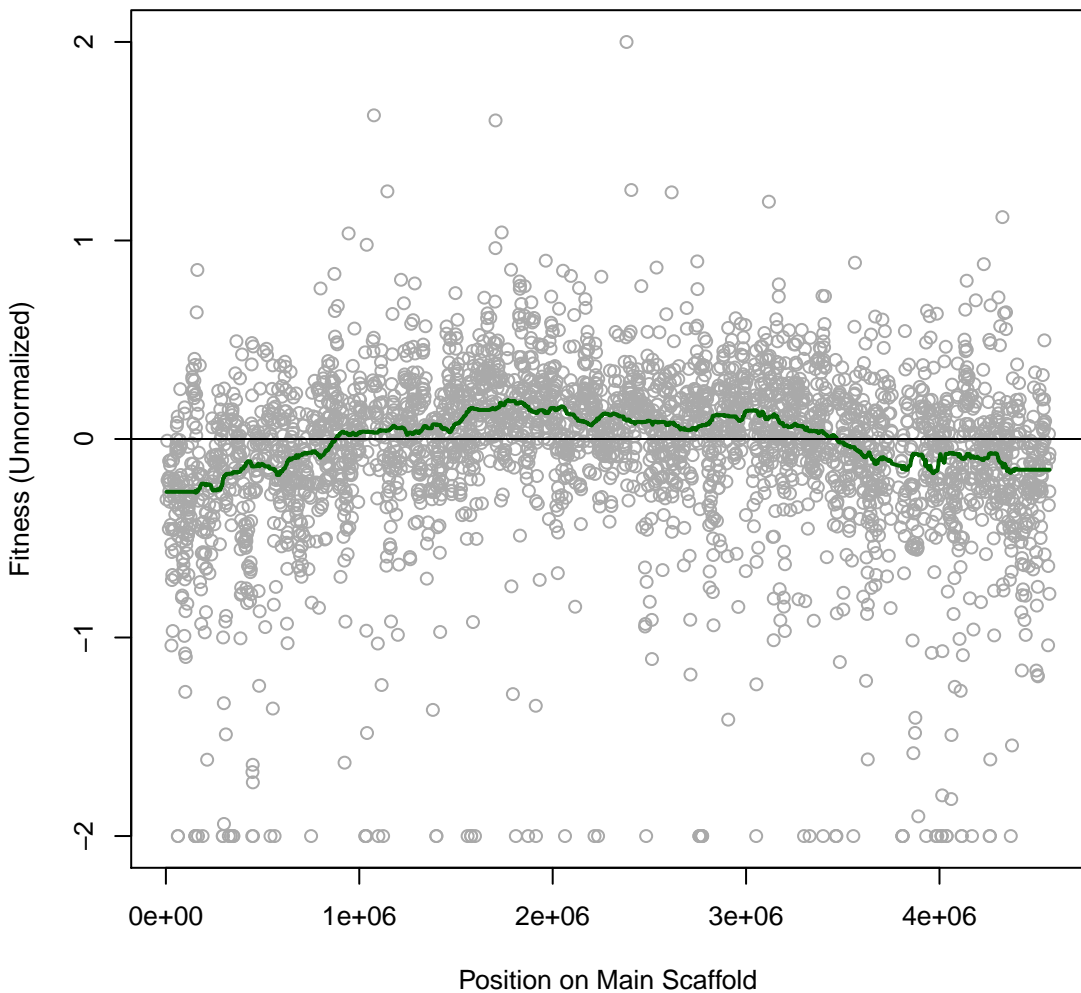
psRCH2 1H10 #10 (gMed=491 rho12=0.706)
Fumarate (C)



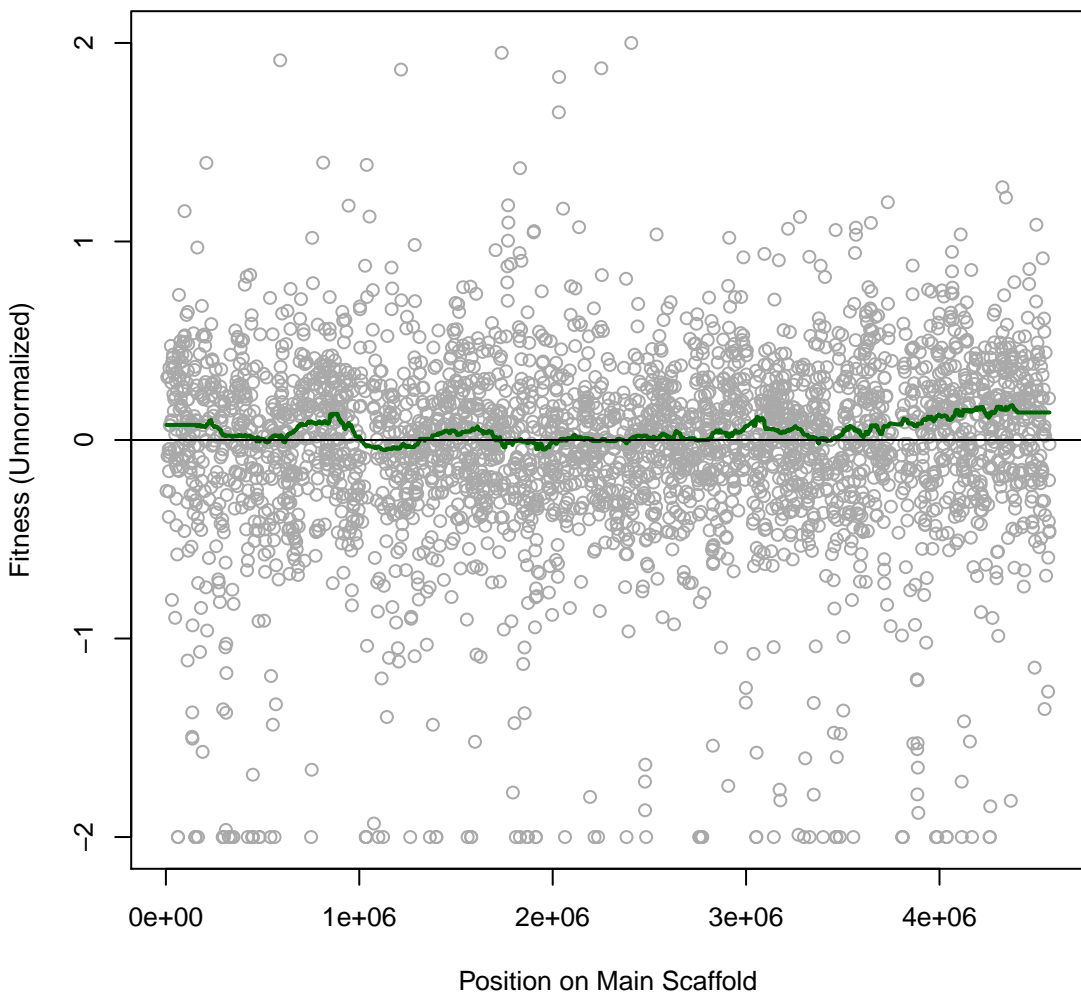
psRCH2 1H11 #11 (gMed=475 rho12=0.734)
Trisodium citrate (C)



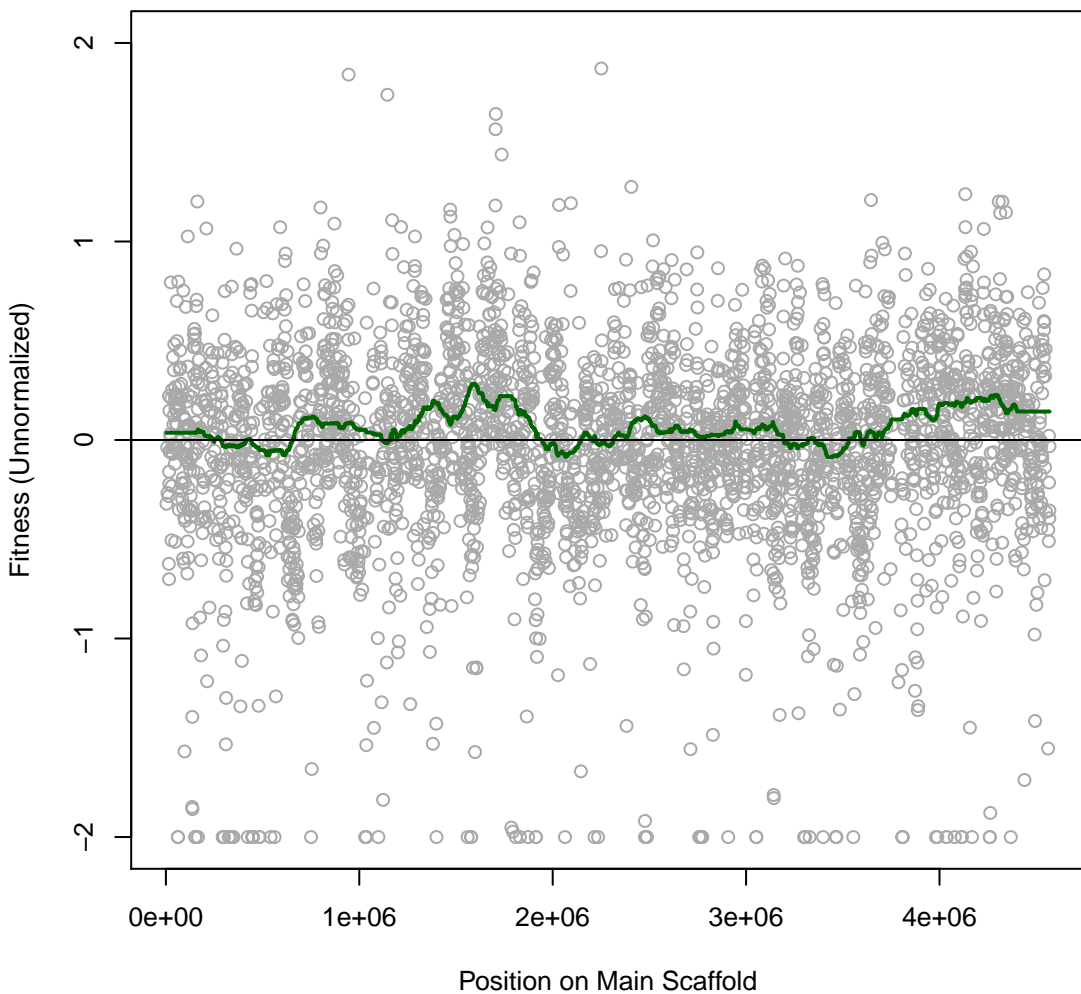
psRCH2 1H12 #12 (gMed=436 rho12=0.524)
D-Lactate (C)



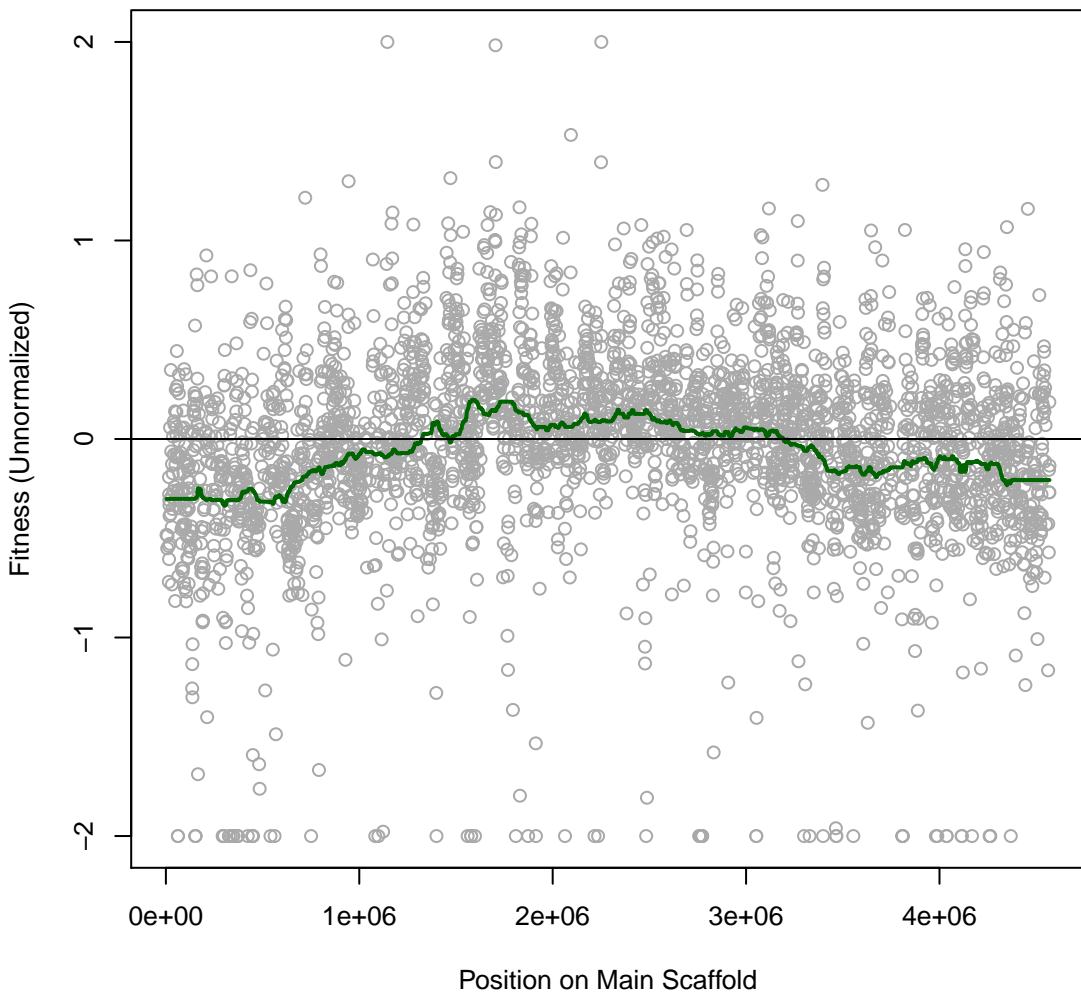
psRCH2 1H13 #13 (gMed=415 rho12=0.518)
L-Lactate (C)



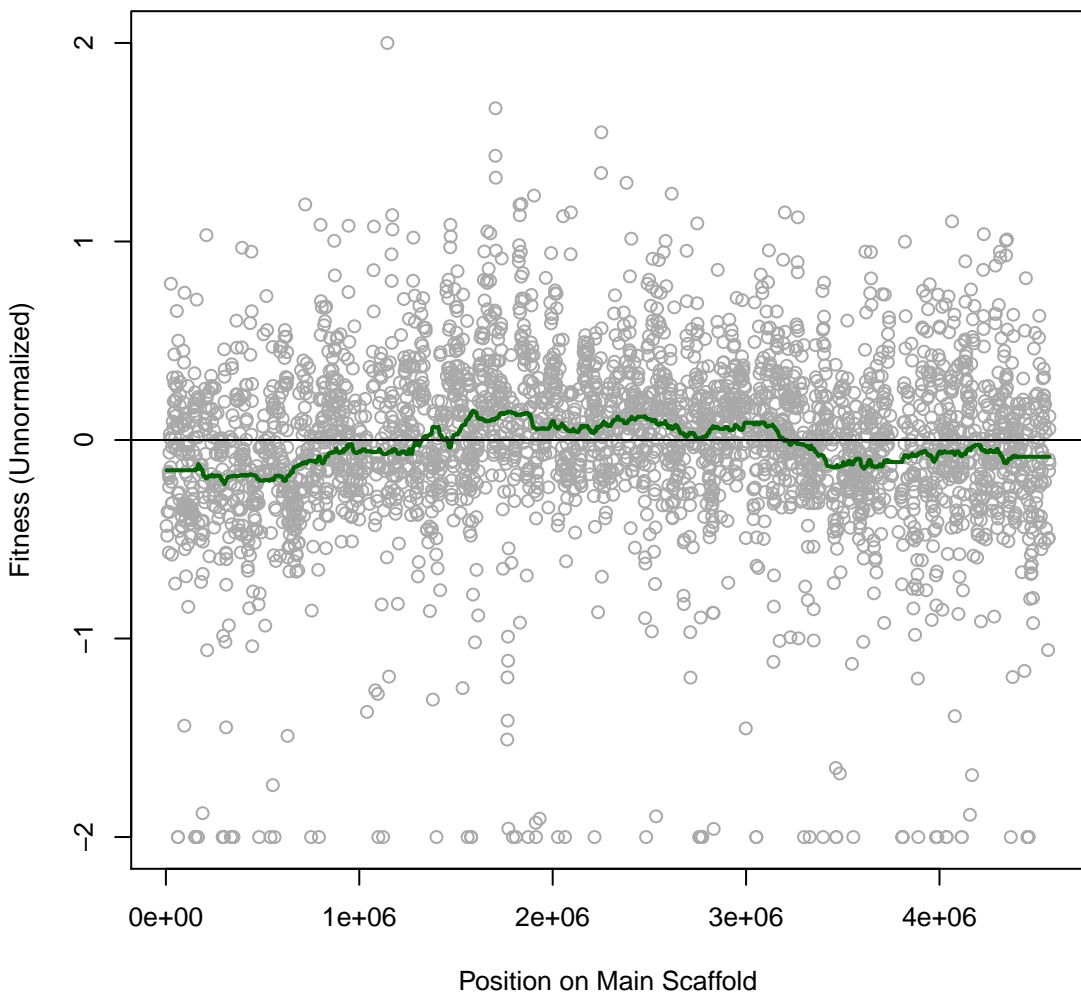
psRCH2 1H14 #14 (gMed=360 rho12=0.672)
D,L-Lactate (C)



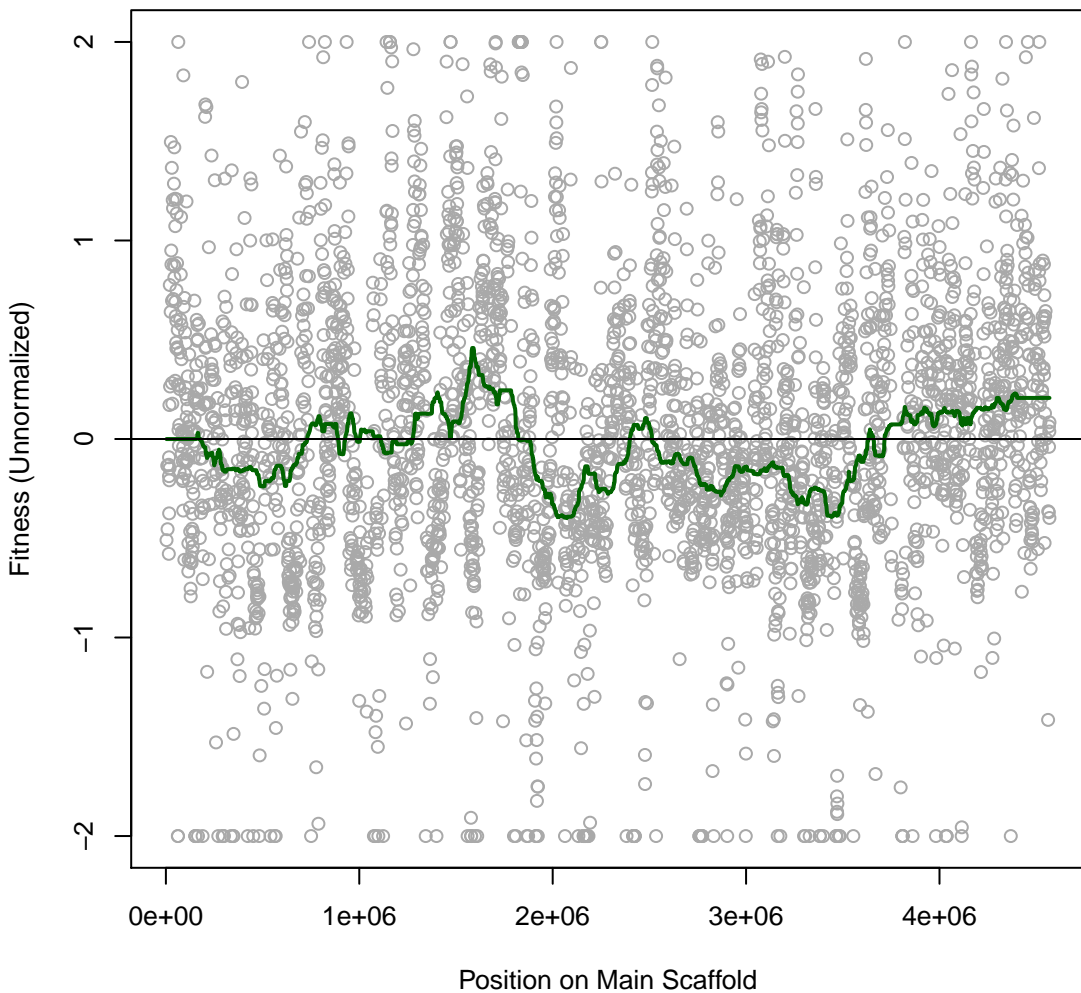
psRCH2 1H15 #15 (gMed=442 rho12=0.660)
pyruvate (C)



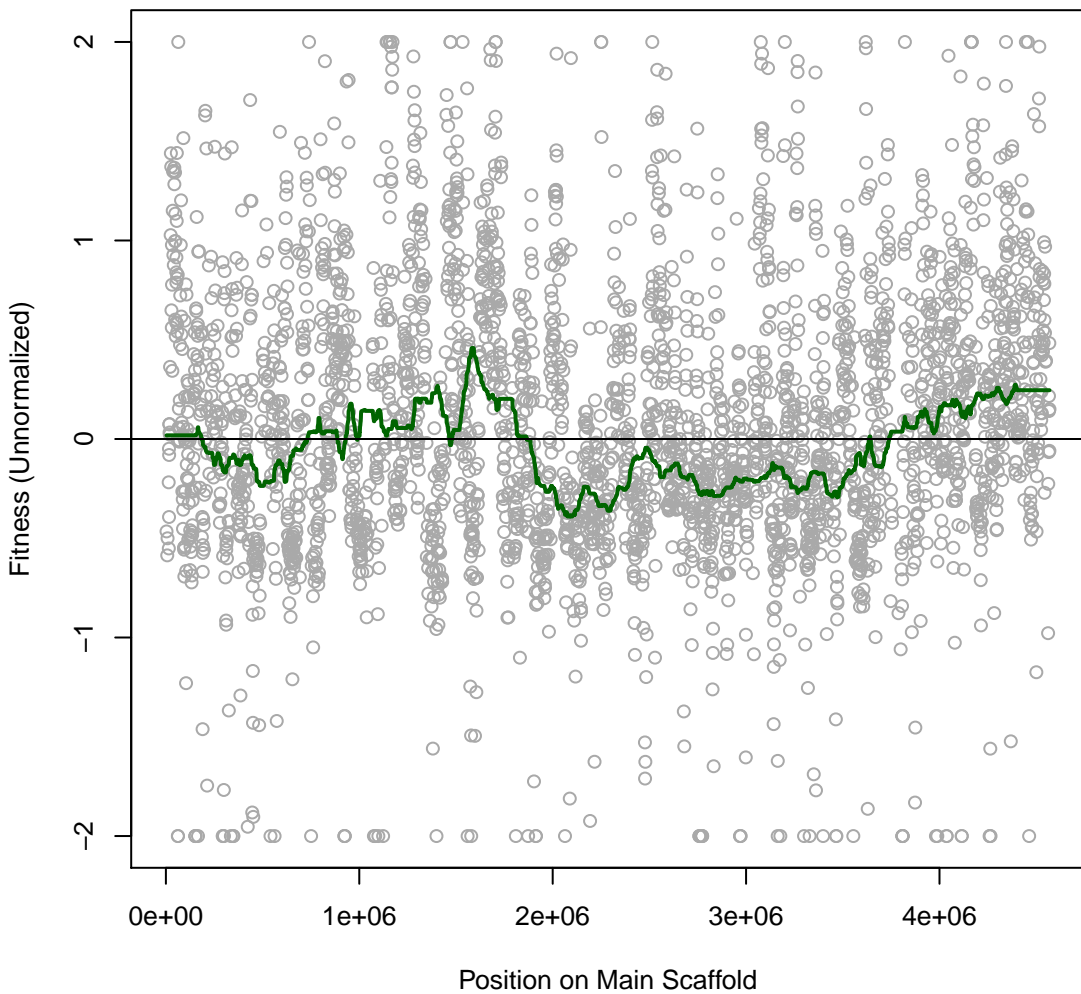
psRCH2 1H16 #16 (gMed=427 rho12=0.629)
succinate (C)



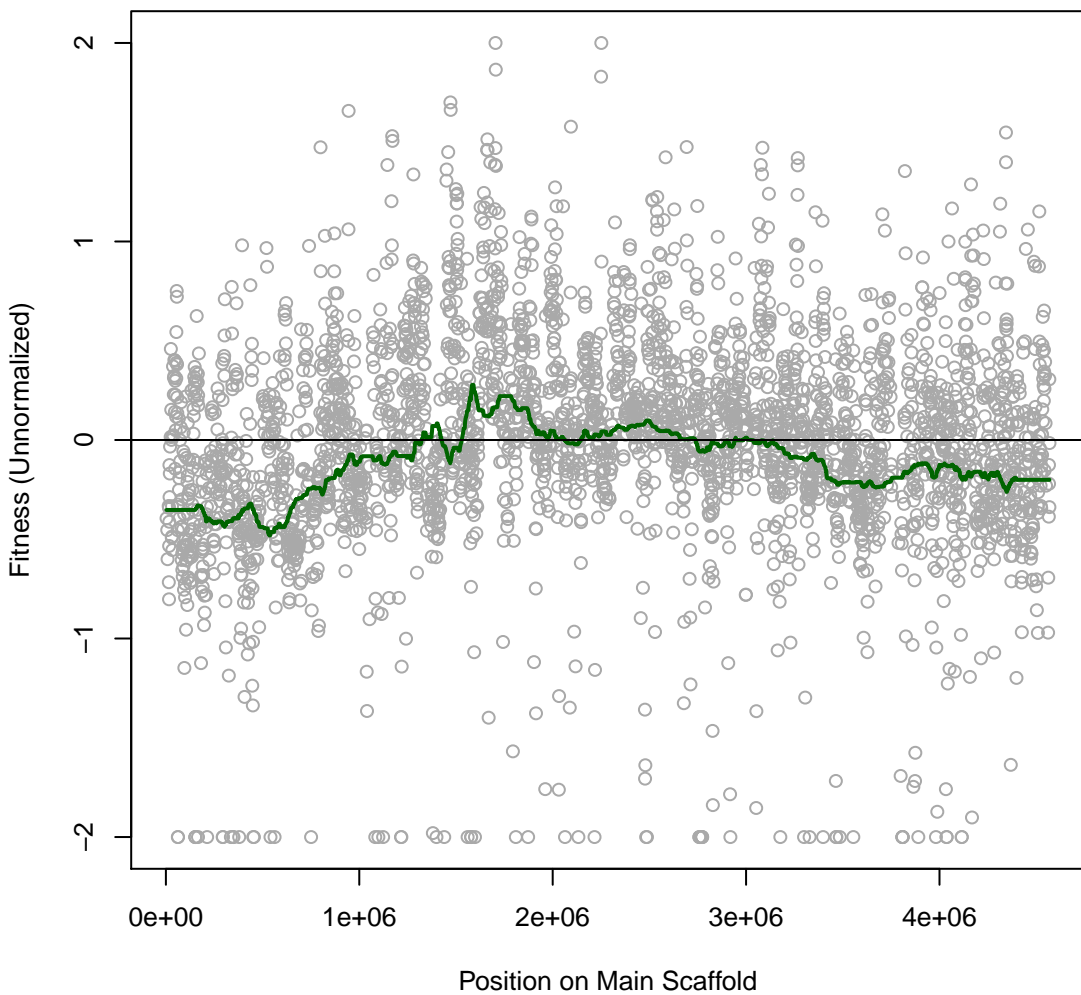
psRCH2 1H17 #17 (gMed=553 rho12=0.860)
Ethanol (C)



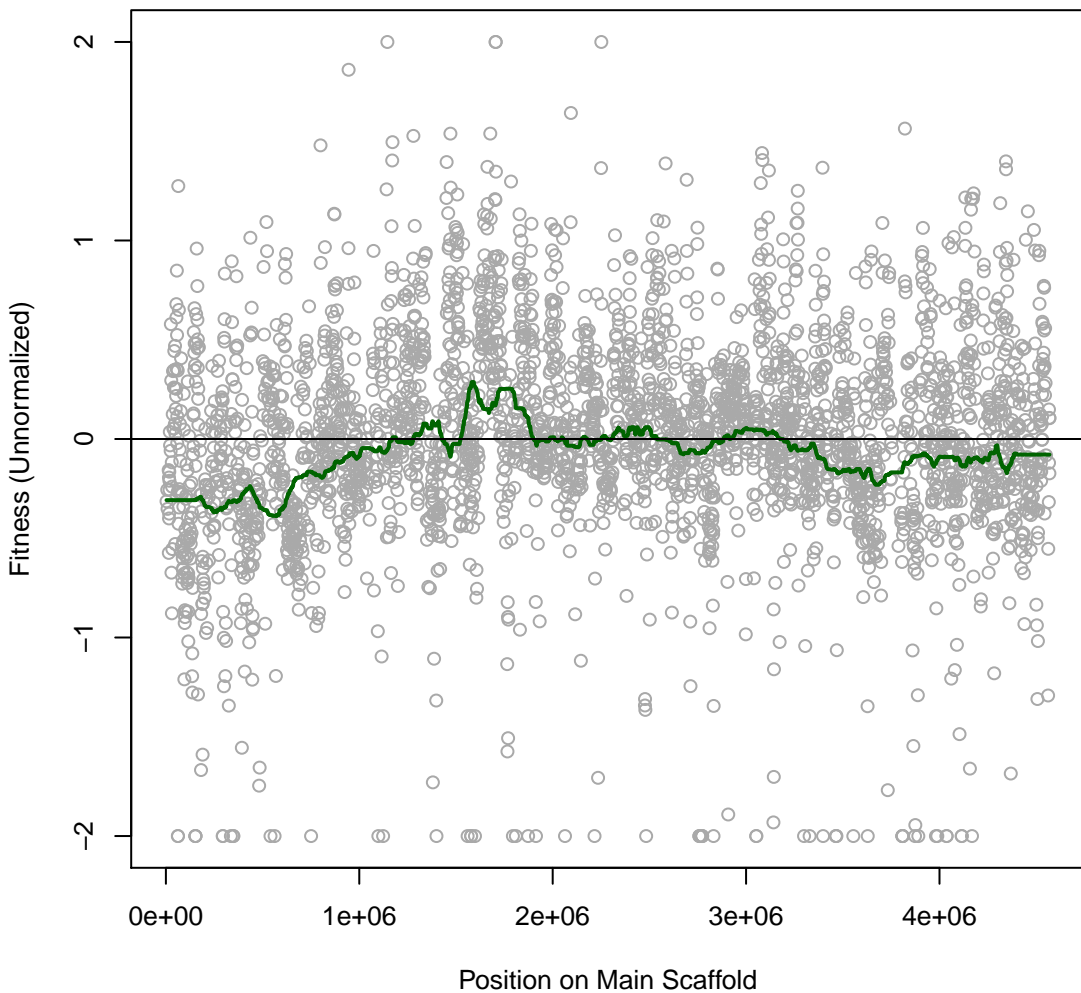
psRCH2 1H18 #18 (gMed=489 rho12=0.850)
Glycerol (C)



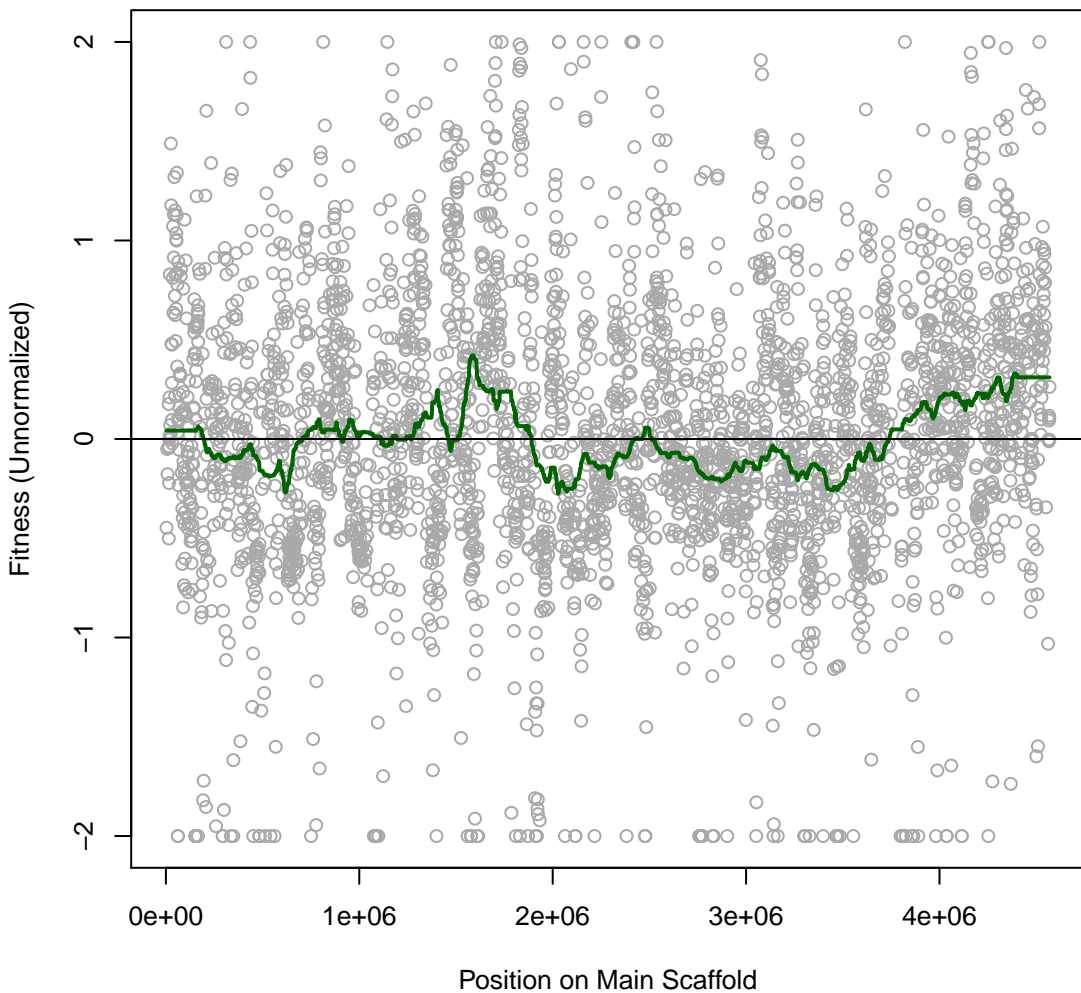
psRCH2 1H19 #19 (gMed=525 rho12=0.751)
Tween 20 (C)



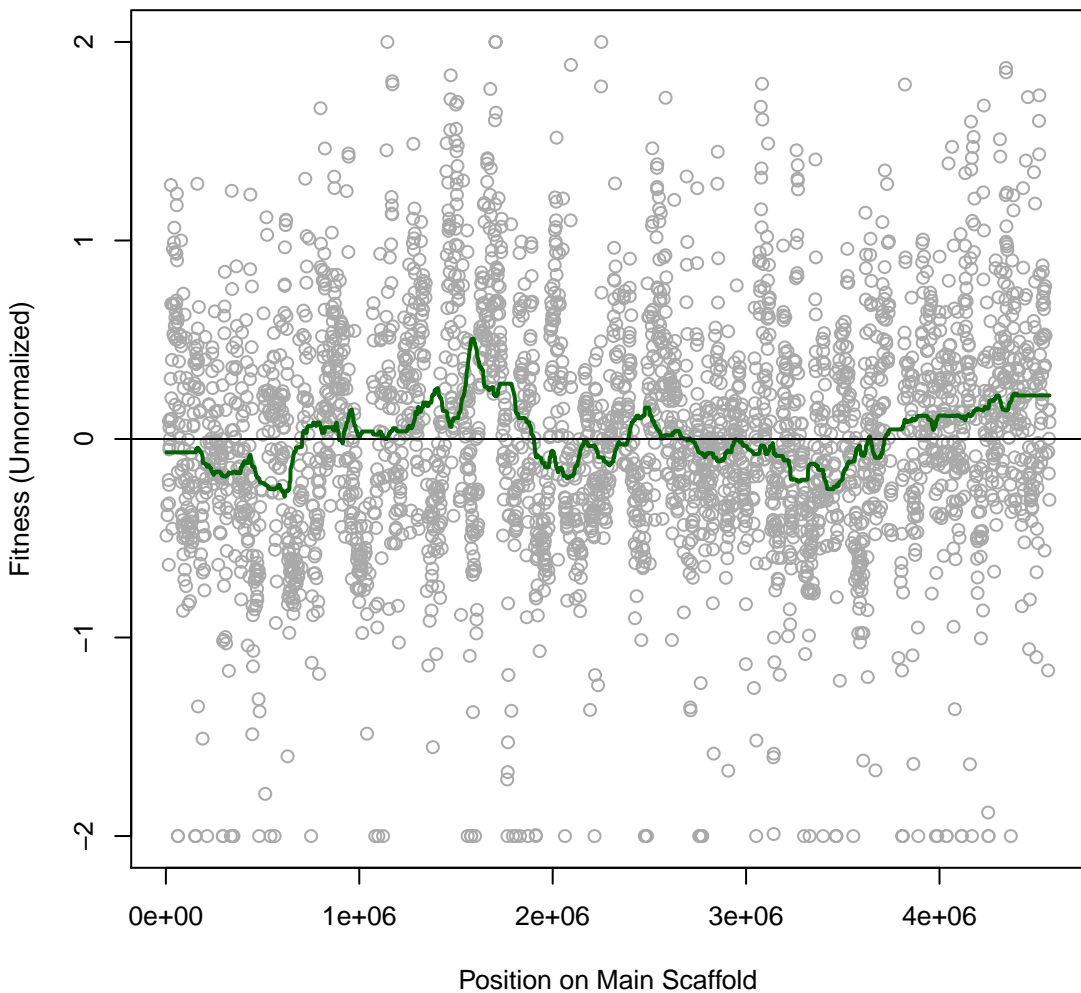
psRCH2 1H2O #20 (gMed=449 rho12=0.720)
L-Malic (C)



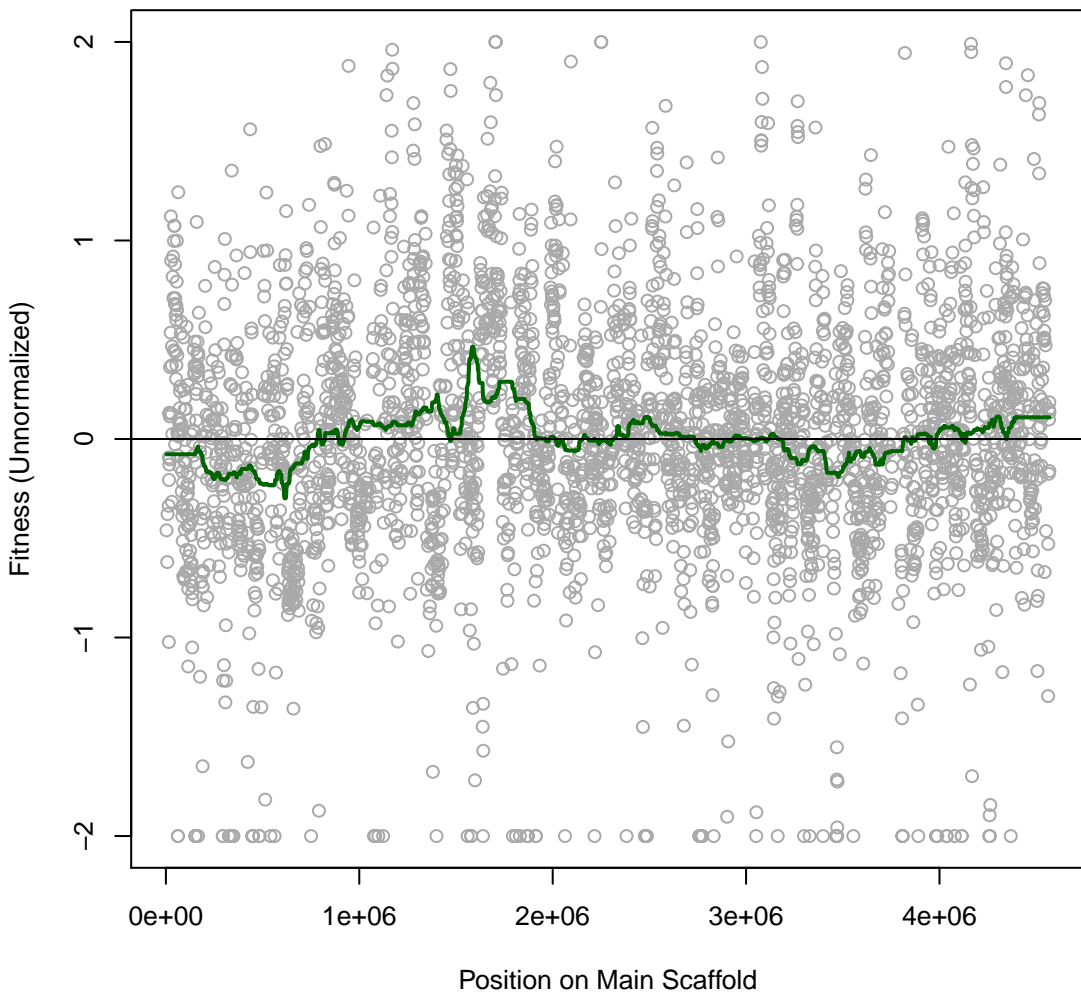
psRCH2 1H21 #21 (gMed=463 rho12=0.787)
L-Glutamic (C)



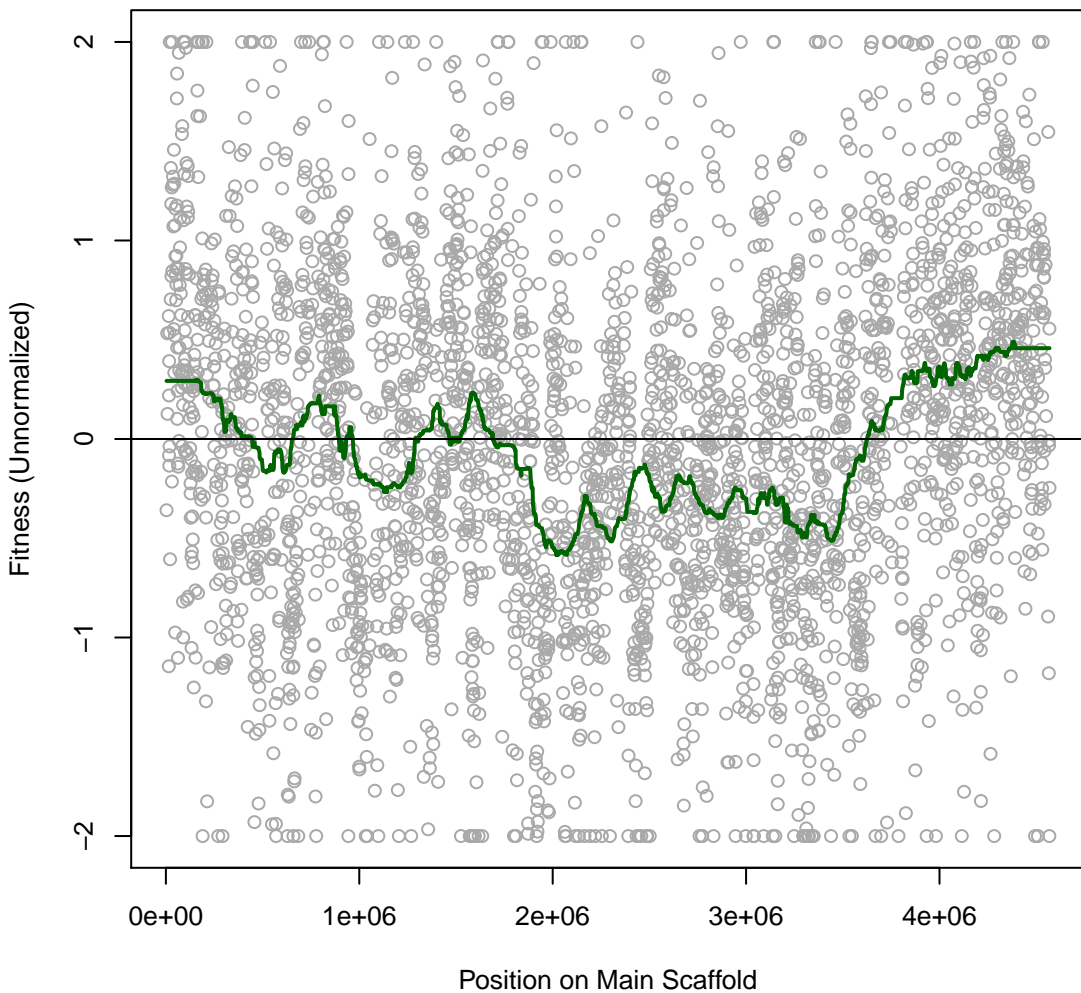
psRCH2 1H22 #22 (gMed=492 rho12=0.812)
L-Asparagine (C)



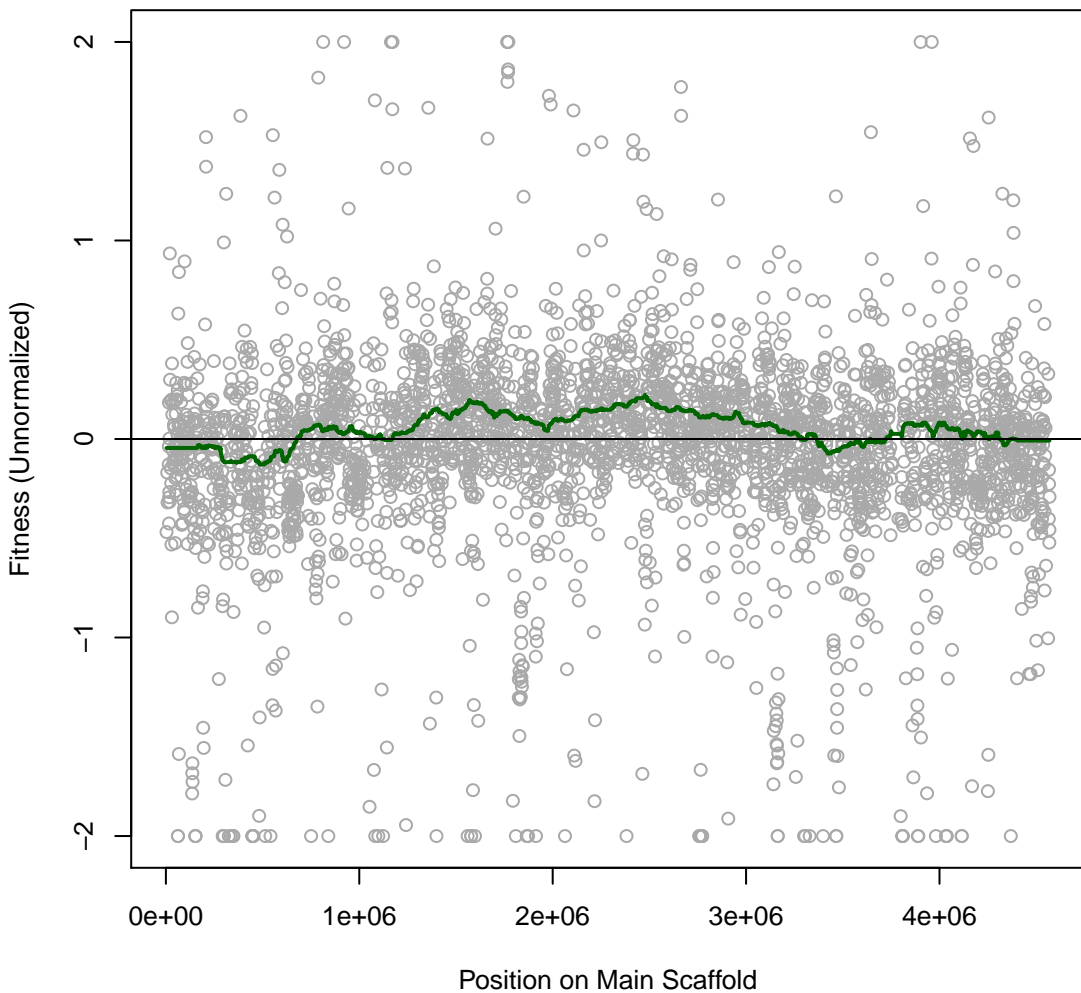
psRCH2 1H23 #23 (gMed=479 rho12=0.807)
L-Glutamine (C)



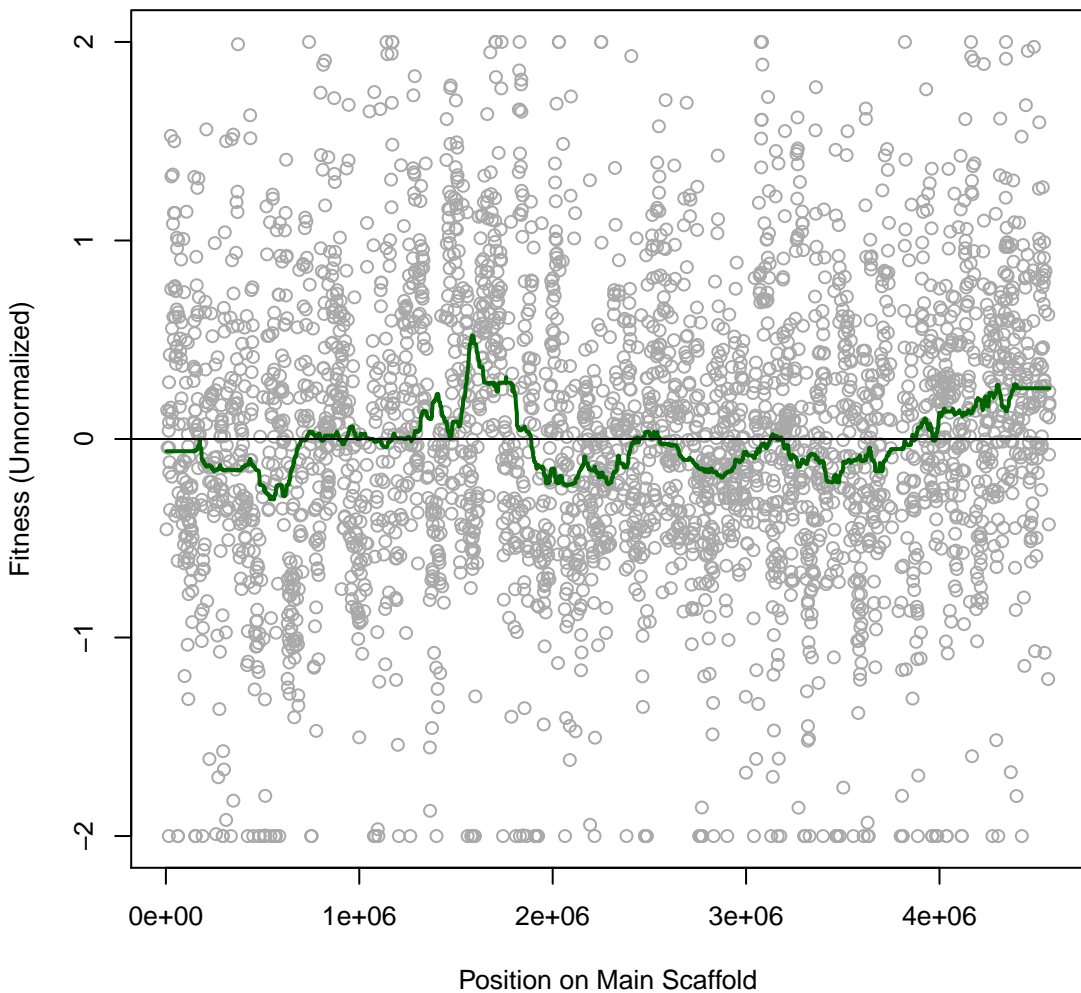
psRCH2 1H24 #24 (gMed=239 rho12=0.607)
Glycine (C)



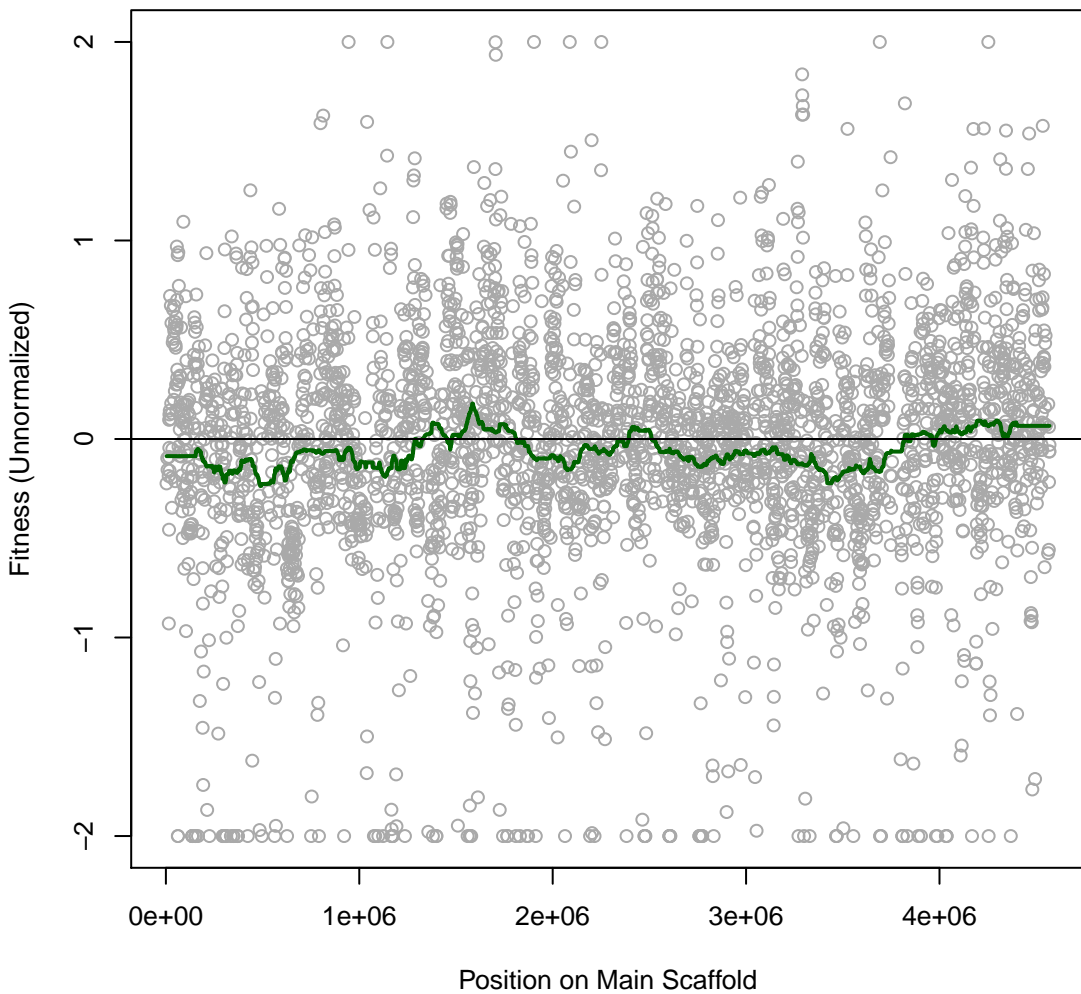
psRCH2 1H25 #25 (gMed=485 rho12=0.528)
L-Proline (C)



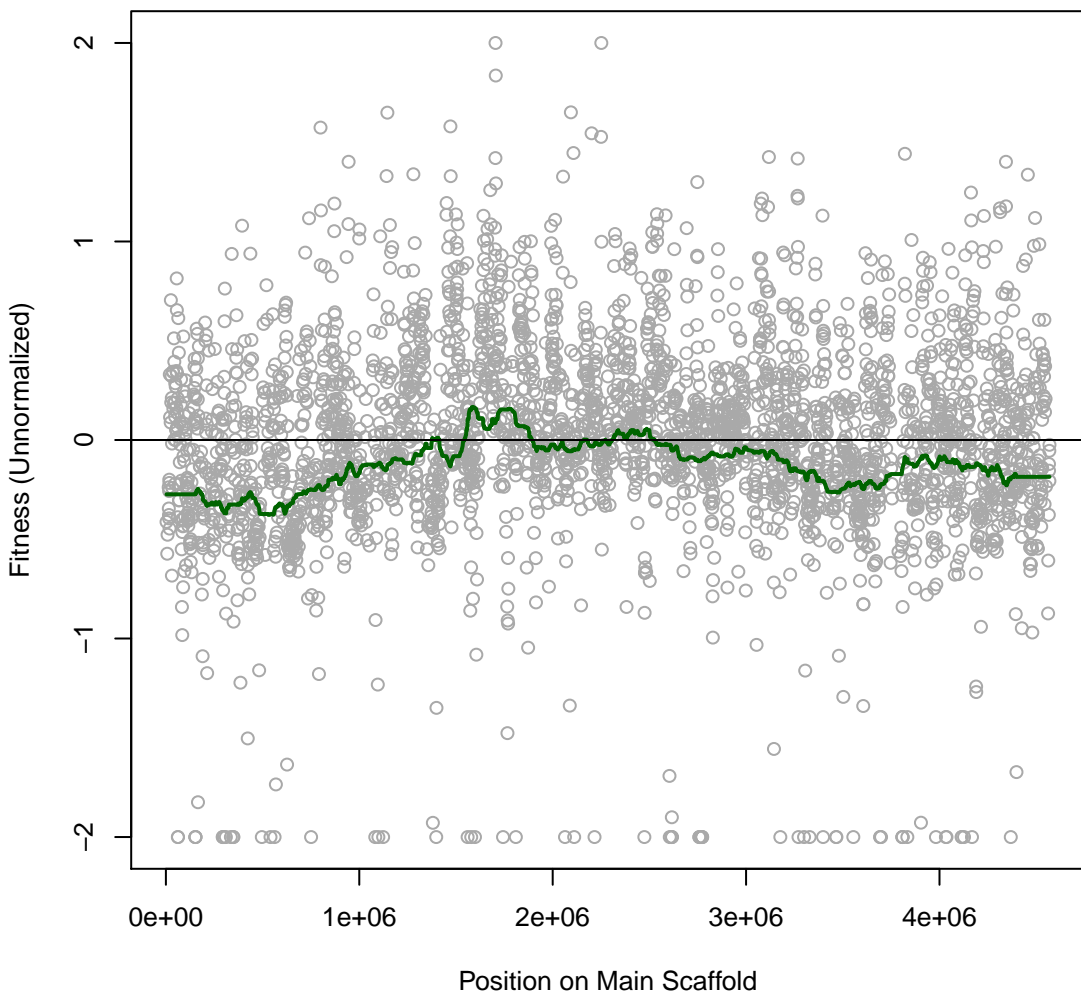
psRCH2 1H26 #26 (gMed=420 rho12=0.781)
L-Alanine (C)



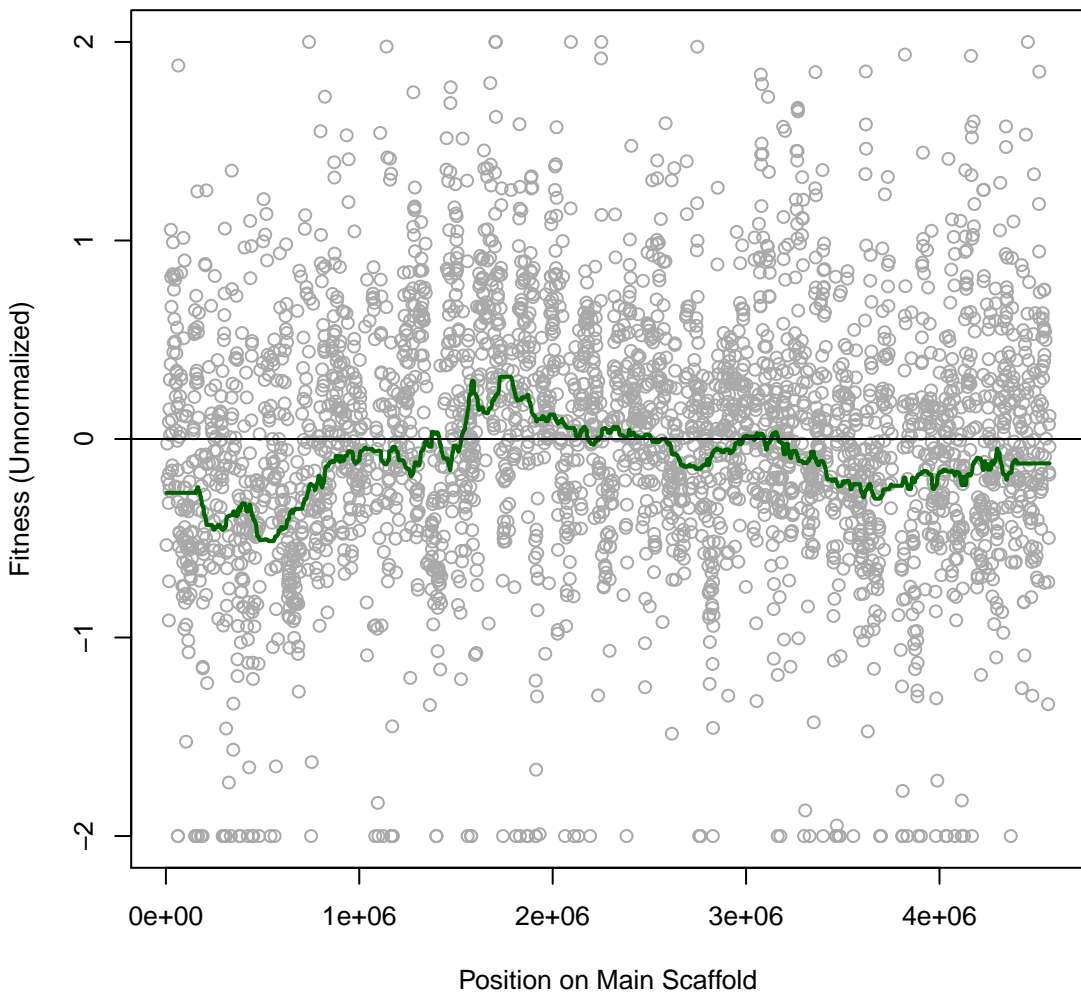
psRCH2 1H27 #27 (gMed=464 rho12=0.737)
L-Valine (C)



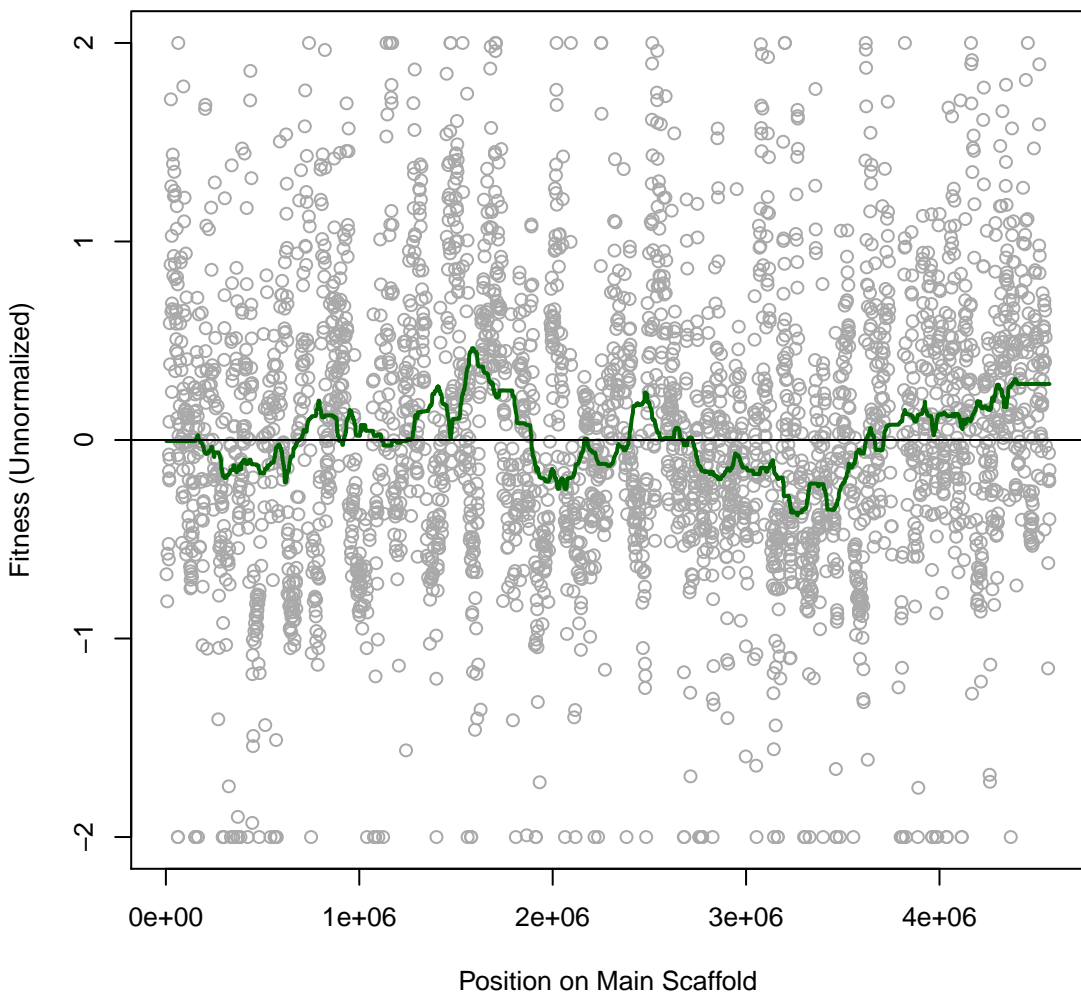
psRCH2 1H28 #28 (gMed=520 rho12=0.711)
L-Isoleucine (C)



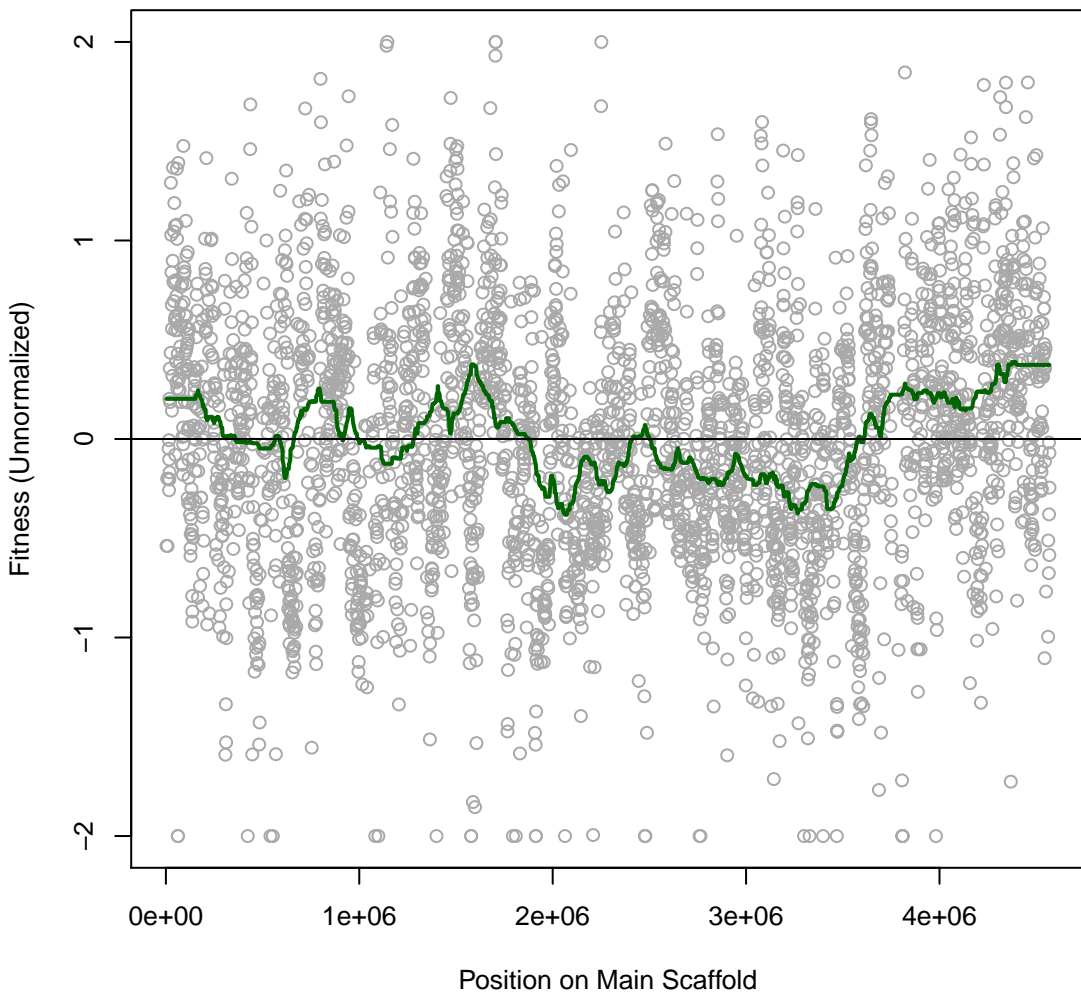
psRCH2 1H29 #29 (gMed=477 rho12=0.798)
L-Leucine (C)



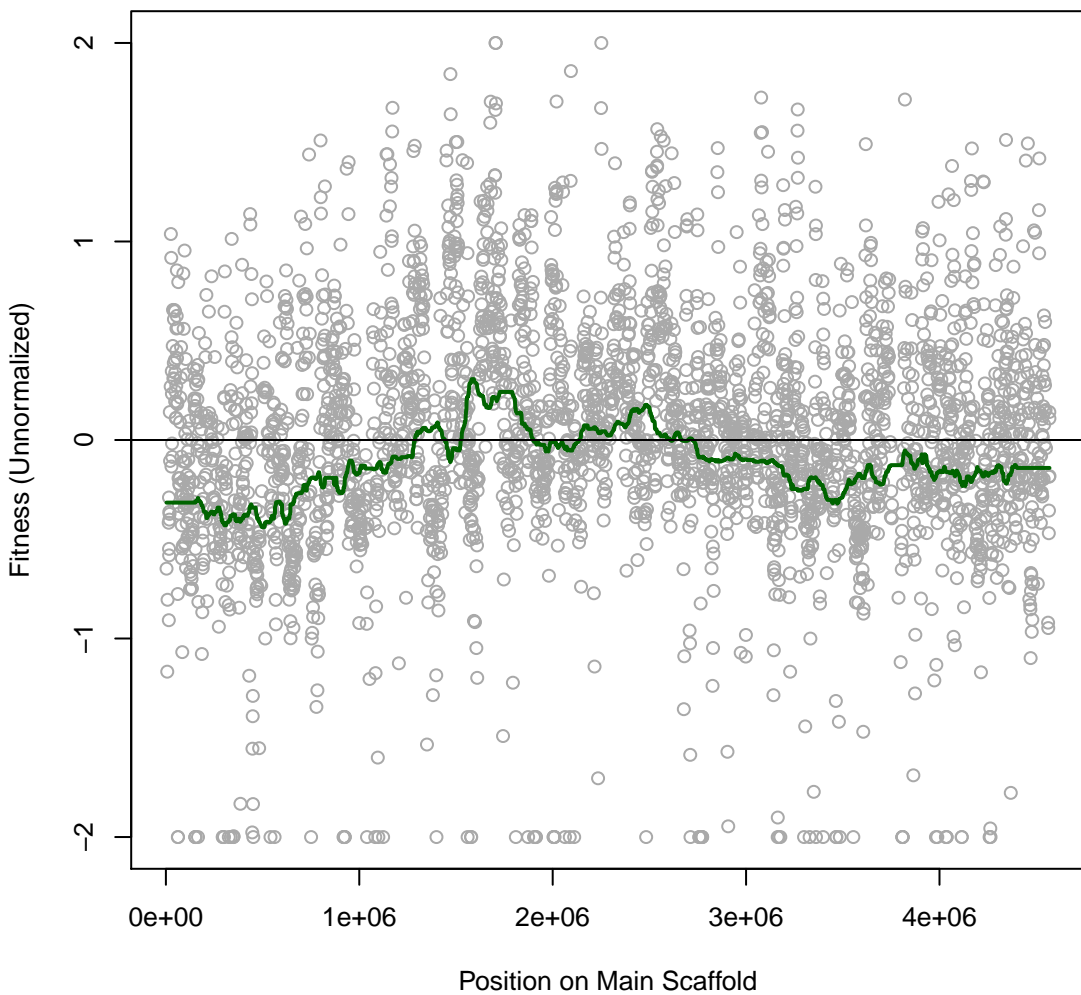
psRCH2 1H30 #30 (gMed=536 rho12=0.877)
D-Alanine (C)



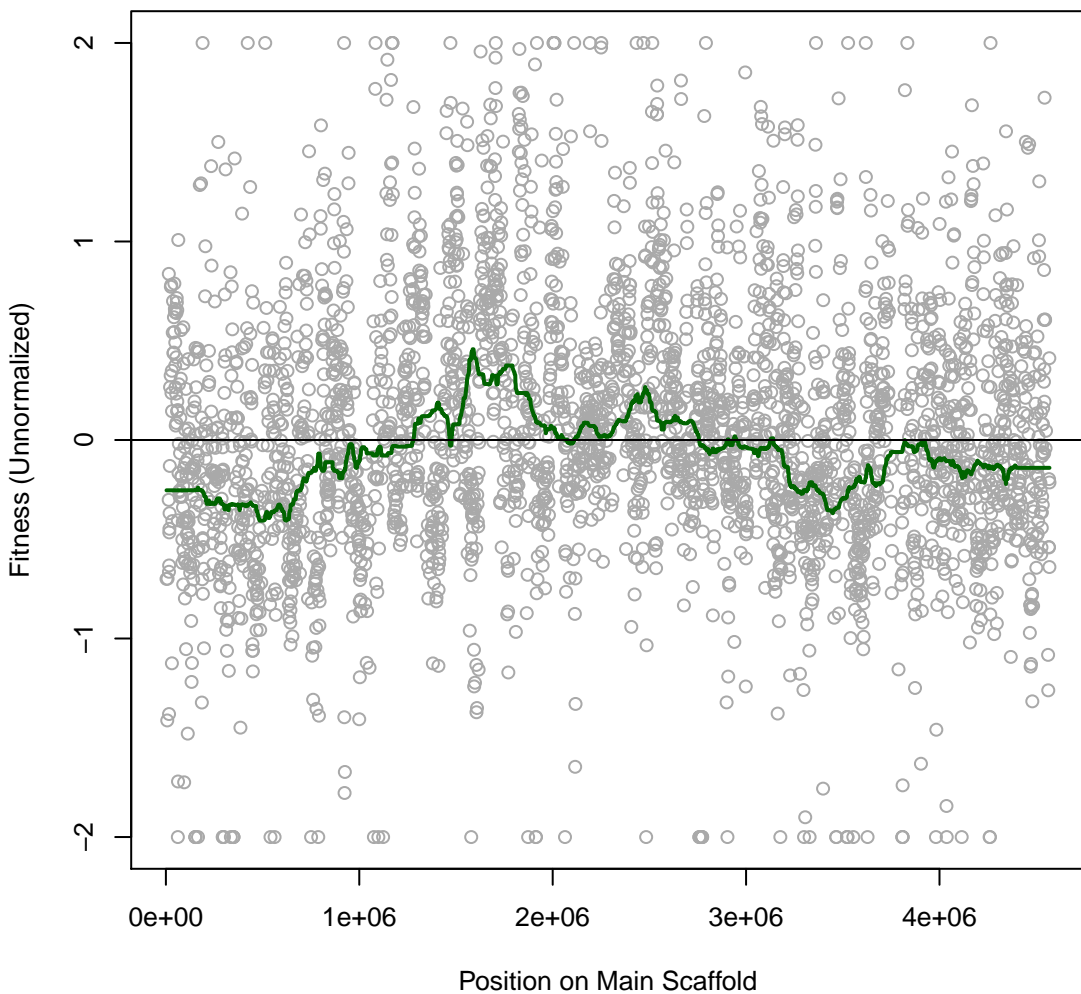
psRCH2 1H31 #31 (gMed=653 rho12=0.830)
casaminos (C)



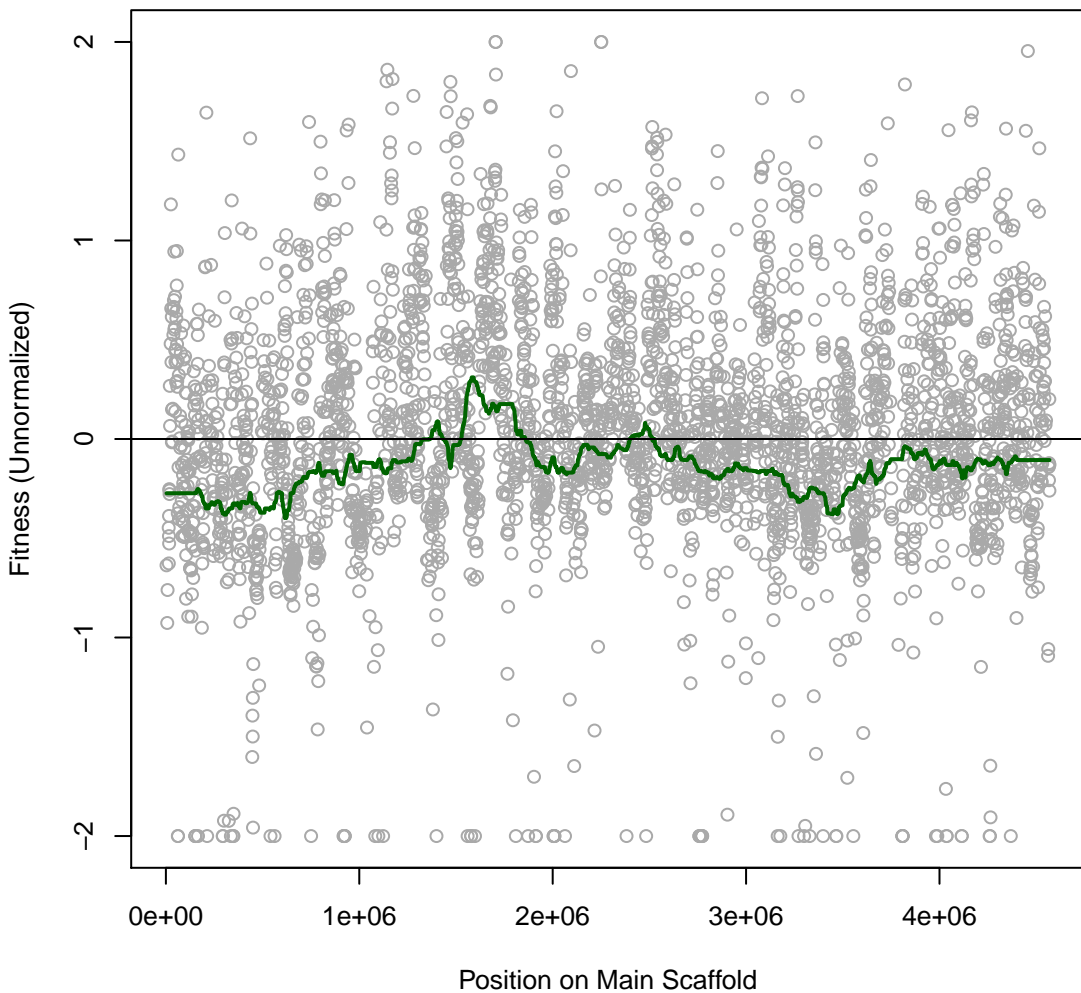
psRCH2 1H32 #32 (gMed=502 rho12=0.791)
D-Glucose (C)



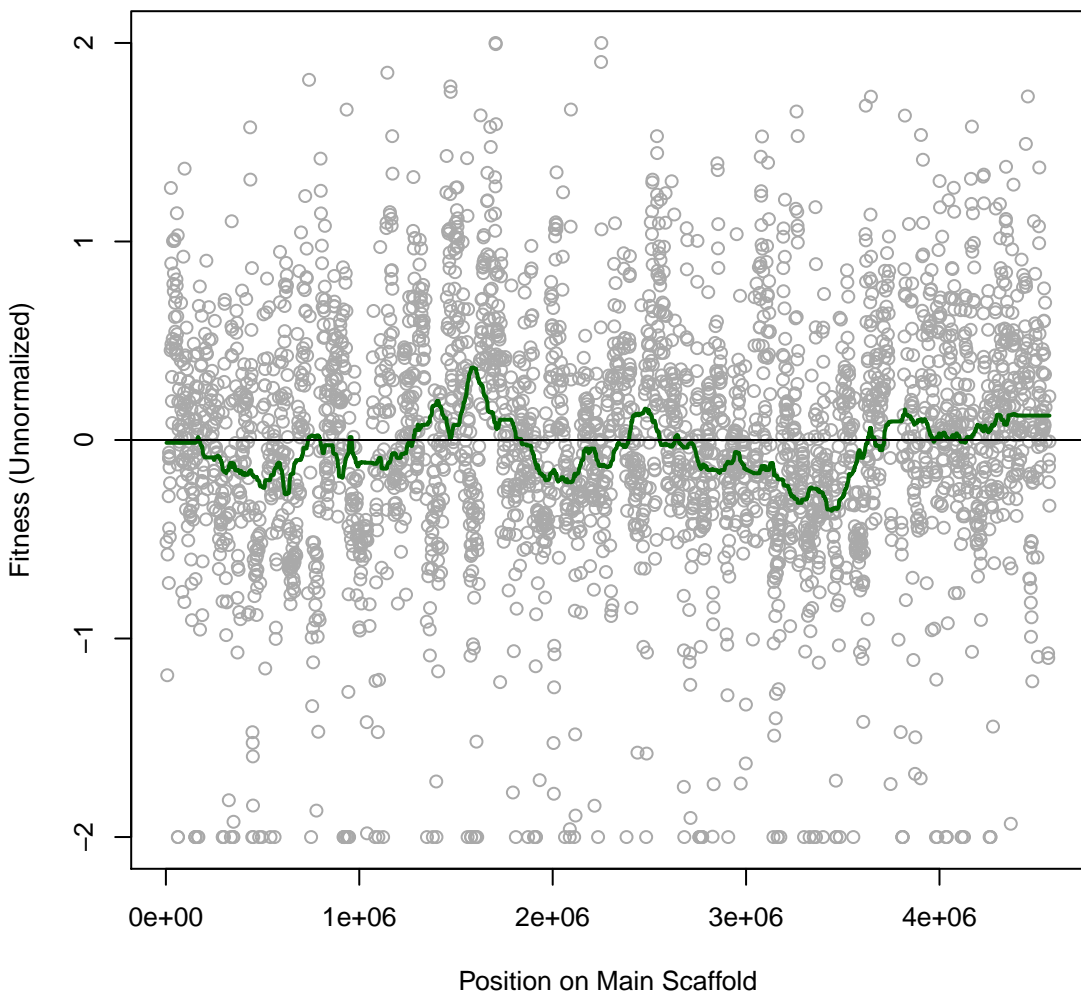
psRCH2 1H33 #33 (gMed=524 rho12=0.792)
D-Fructose (C)



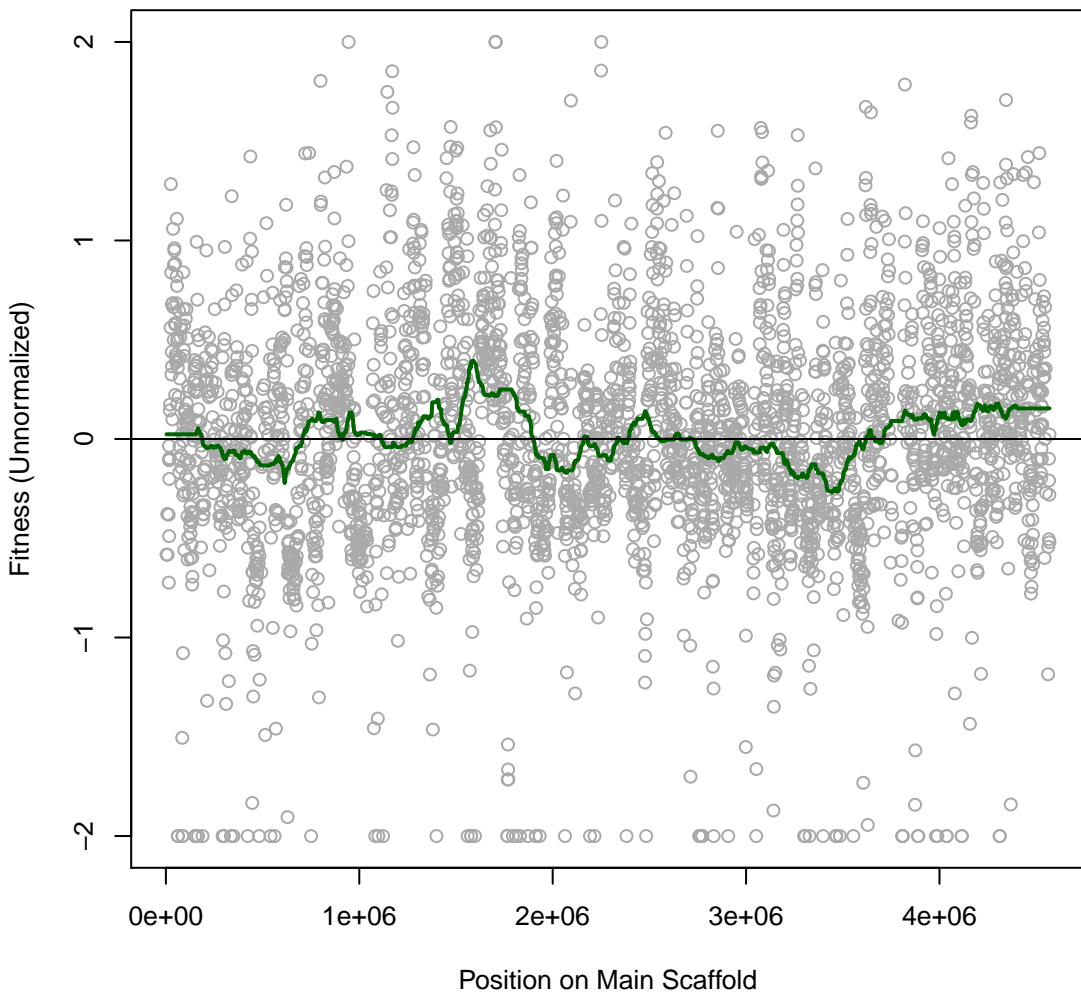
psRCH2 1H34 #34 (gMed=546 rho12=0.823)
Sucrose (C)



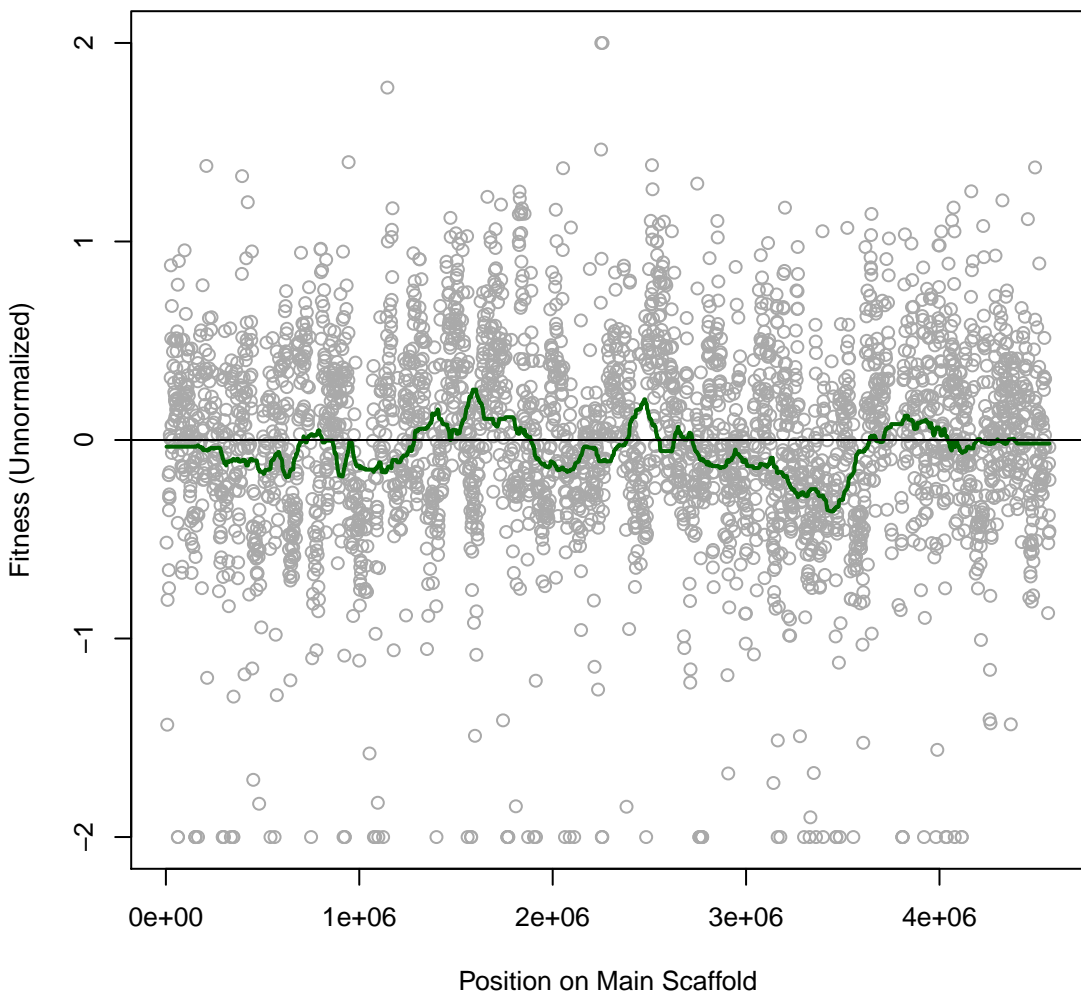
psRCH2 1H35 #35 (gMed=534 rho12=0.830)
D-Maltose (C)



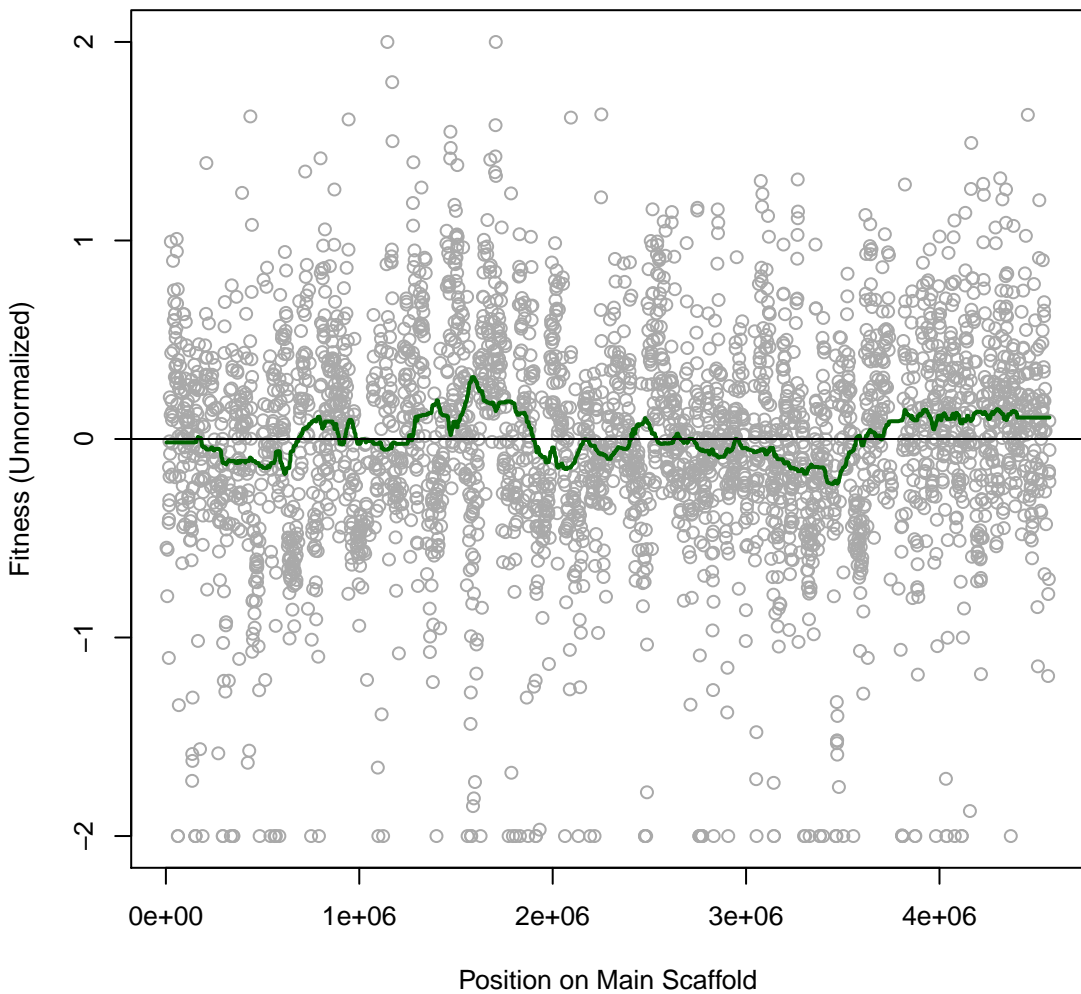
psRCH2 1H36 #36 (gMed=517 rho12=0.818)
 α -Ketoglutaric (C)



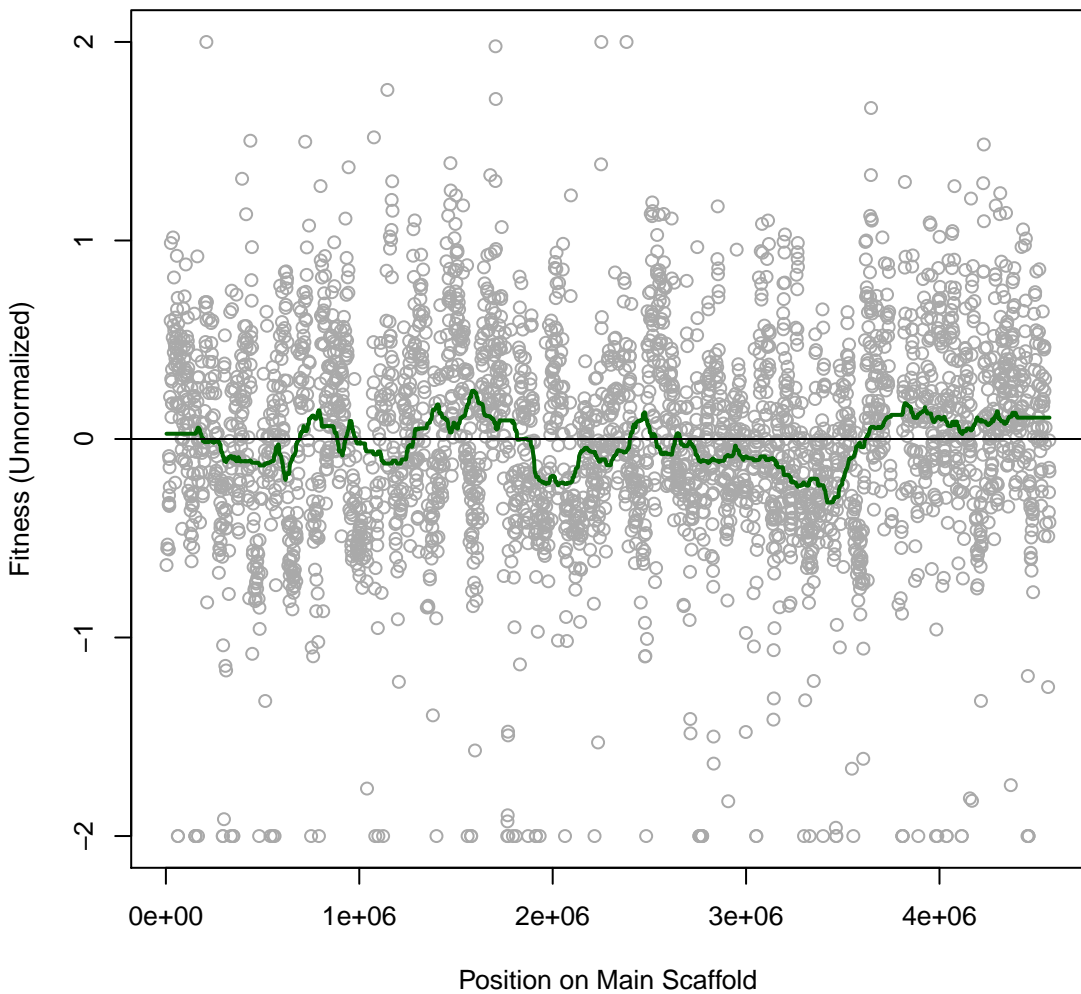
psRCH2 1H37 #37 (gMed=322 rho12=0.742)
D-Gluconic Acid (C)



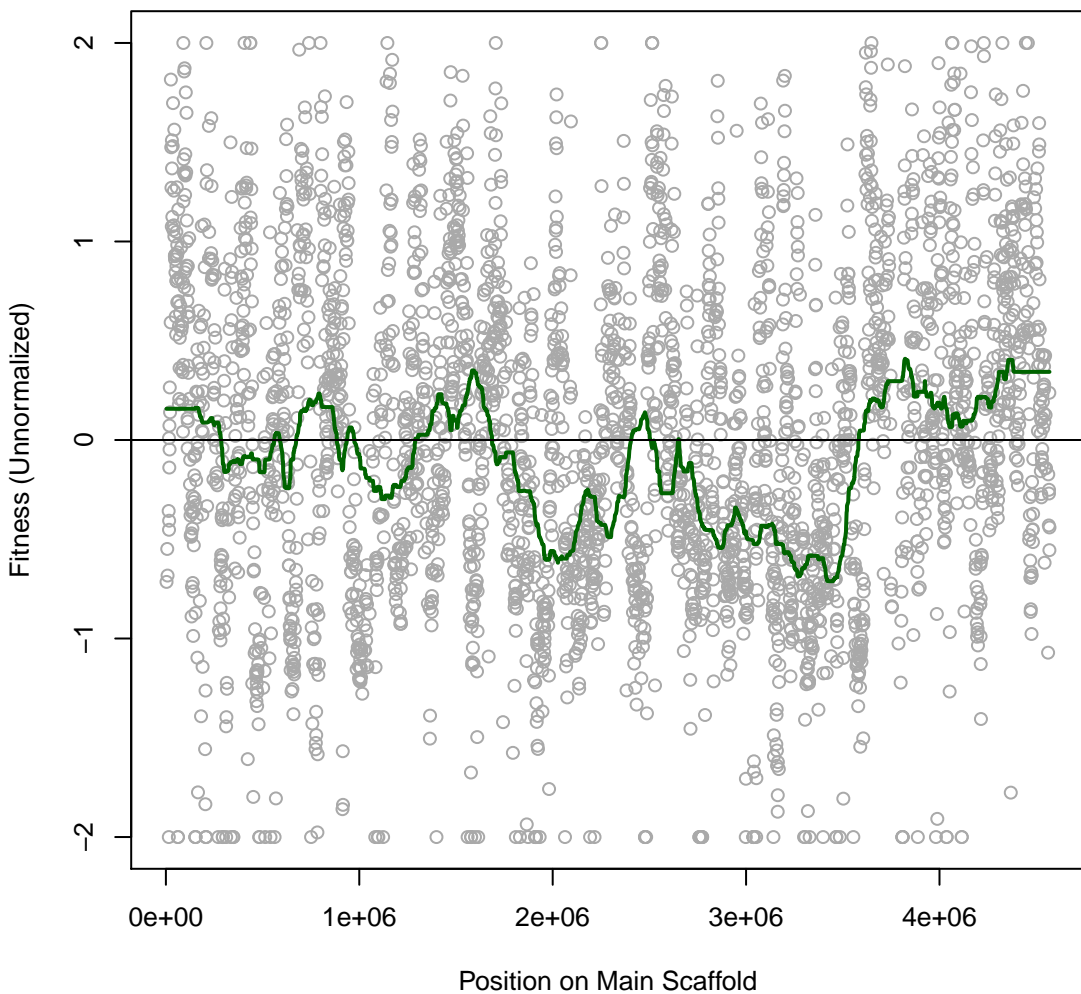
psRCH2 1H38 #38 (gMed=368 rho12=0.746)
acetate (C)



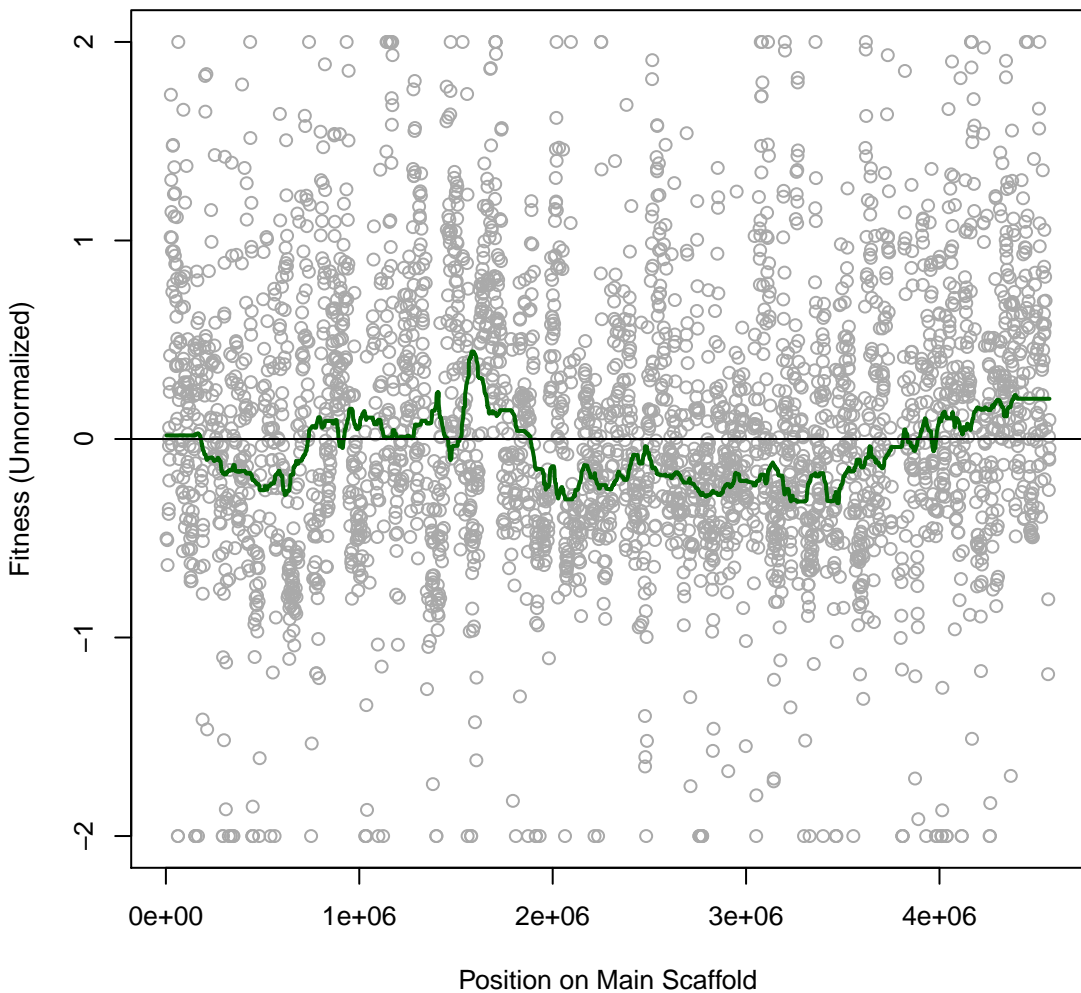
psRCH2 1H39 #39 (gMed=565 rho12=0.808)
Fumarate (C)



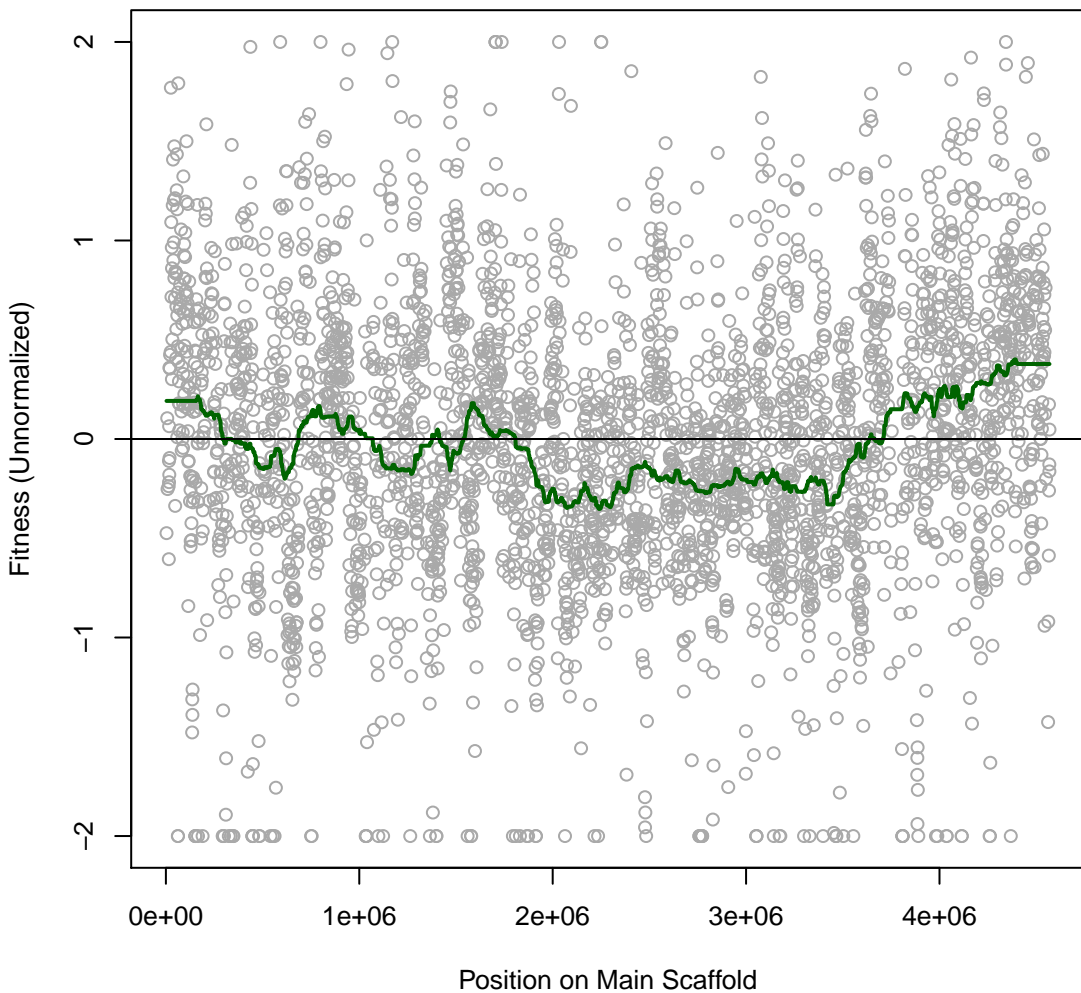
psRCH2 1H40 #40 (gMed=497 rho12=0.905)
Trisodium citrate (C)



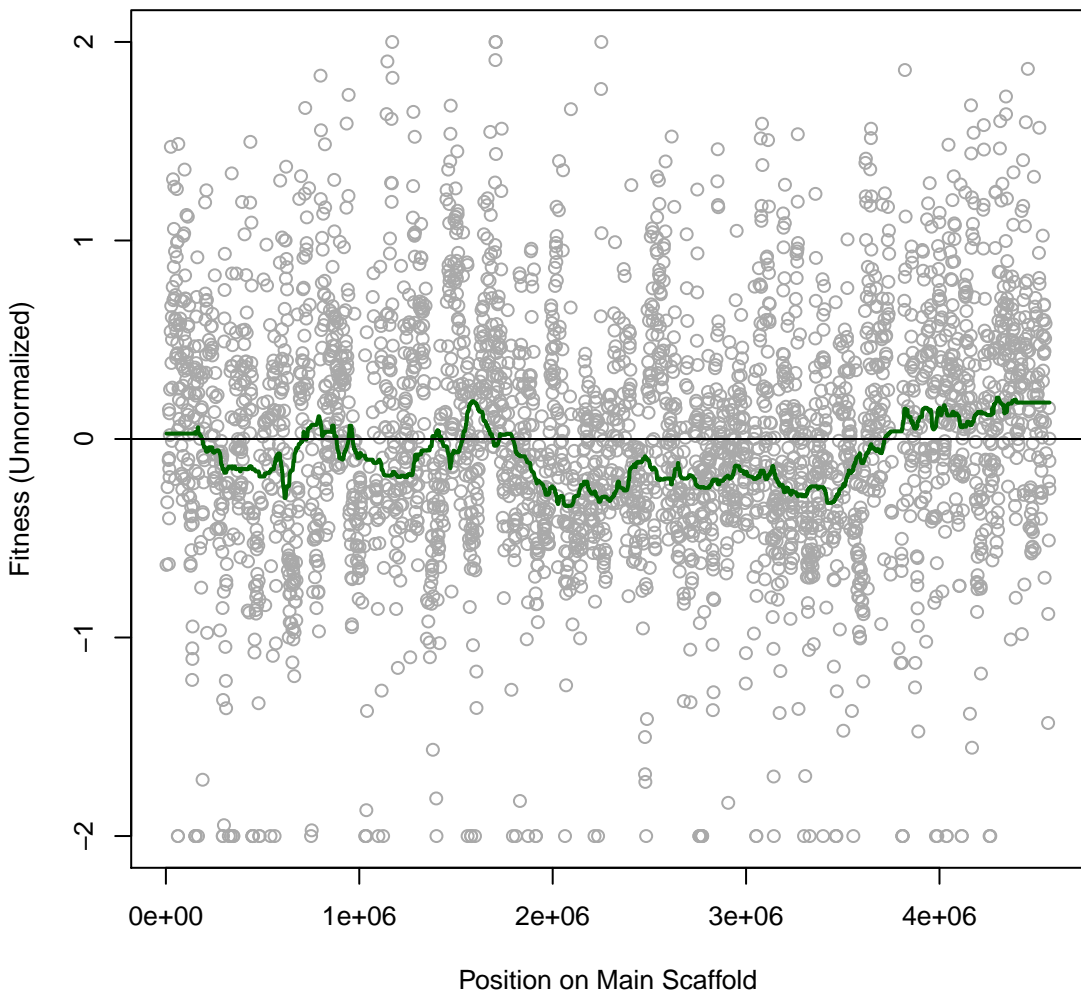
psRCH2 1H41 #41 (gMed=452 rho12=0.837)
D-Lactate (C)



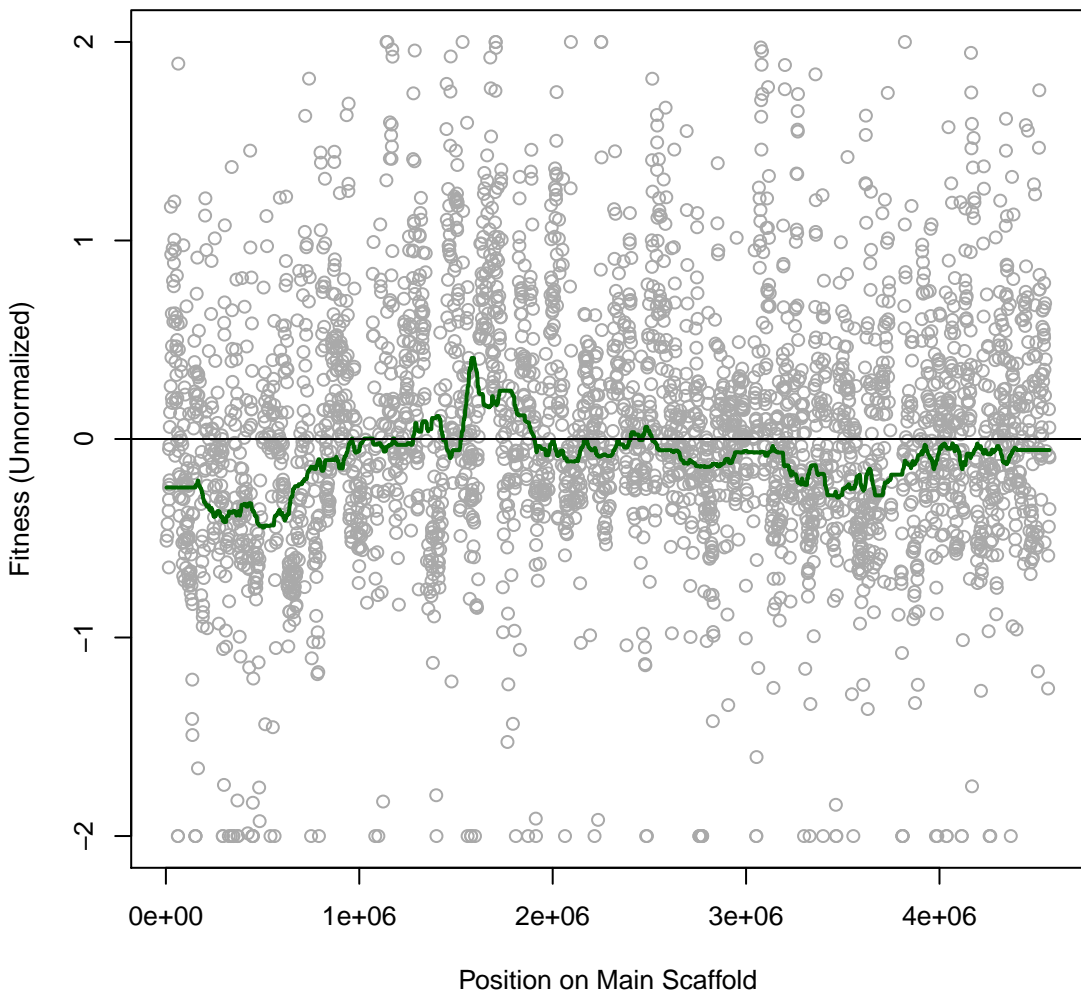
psRCH2 1H42 #42 (gMed=545 rho12=0.787)
L-Lactate (C)



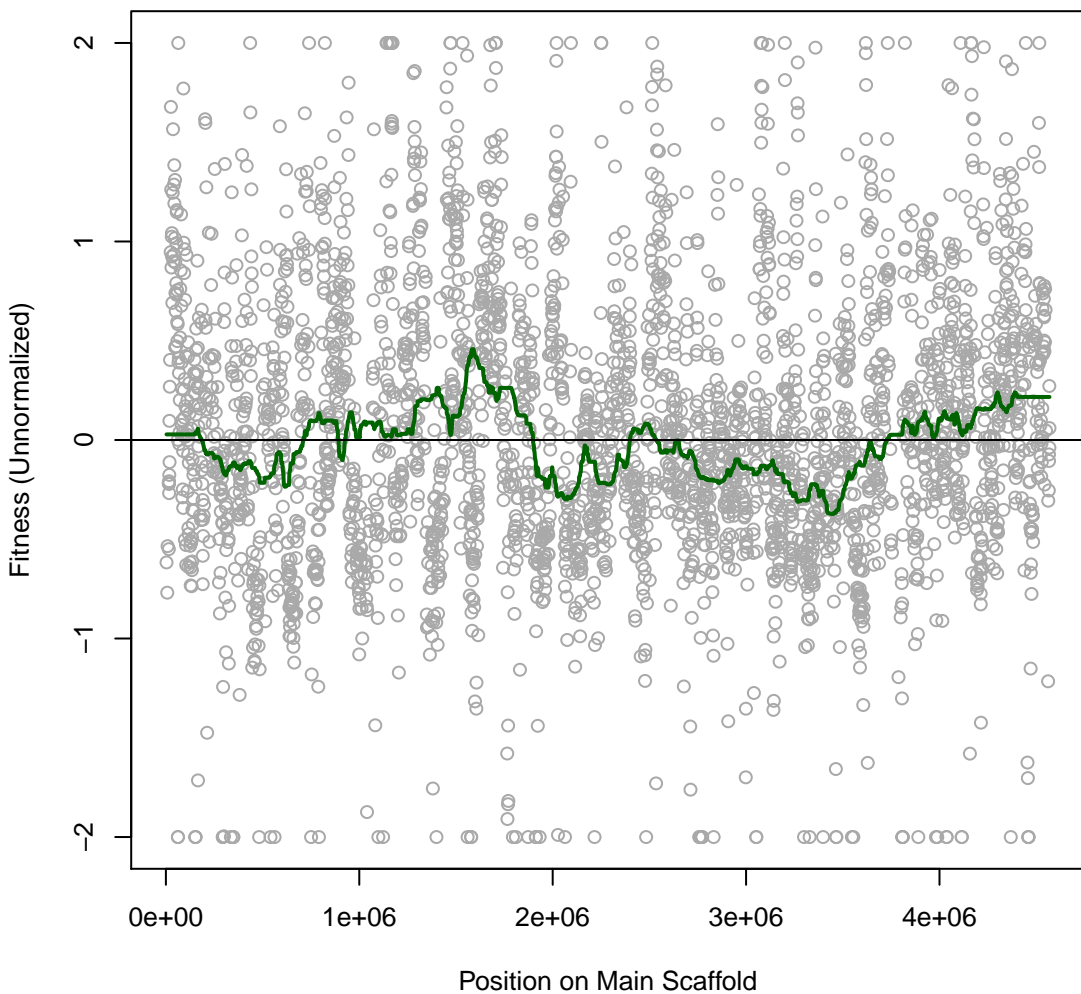
psRCH2 1H43 #43 (gMed=491 rho12=0.801)
D,L-Lactate (C)



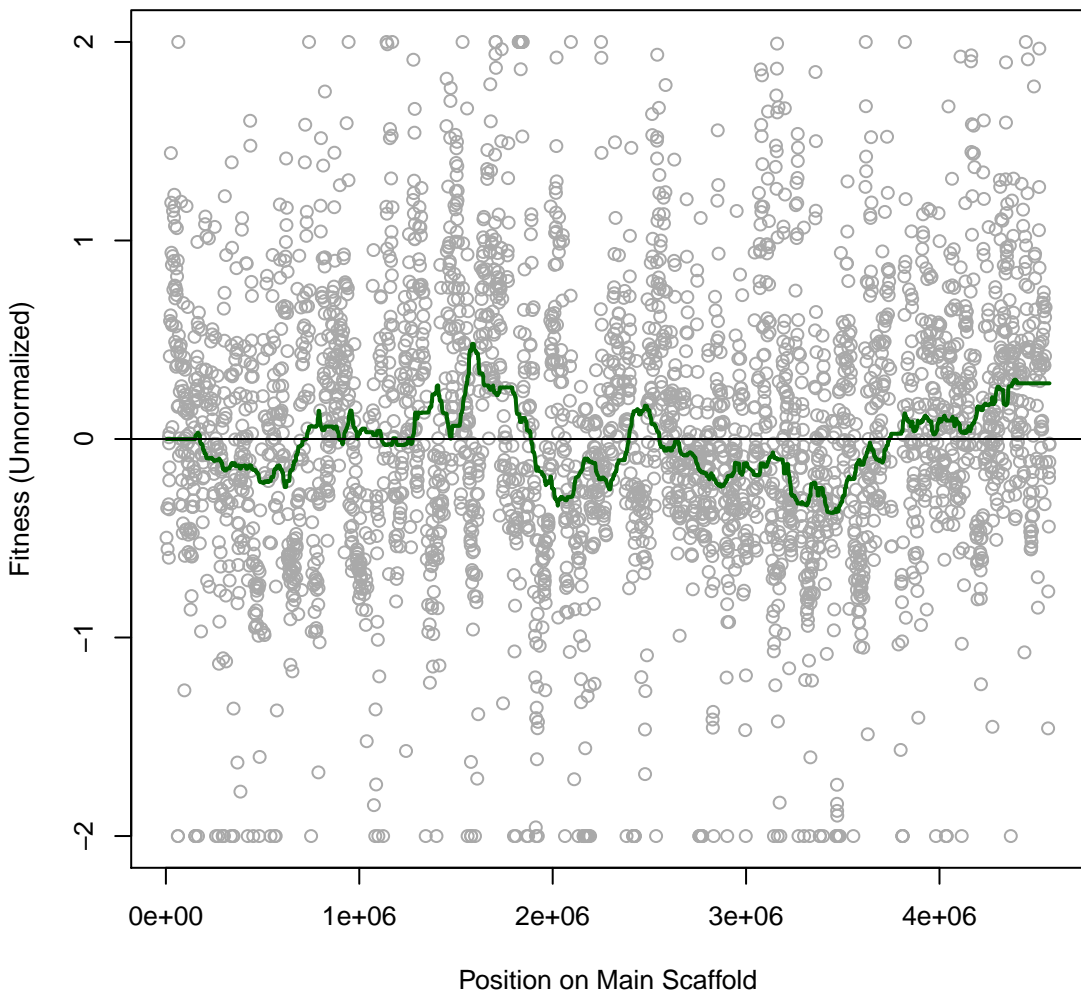
psRCH2 1H44 #44 (gMed=476 rho12=0.812)
pyruvate (C)



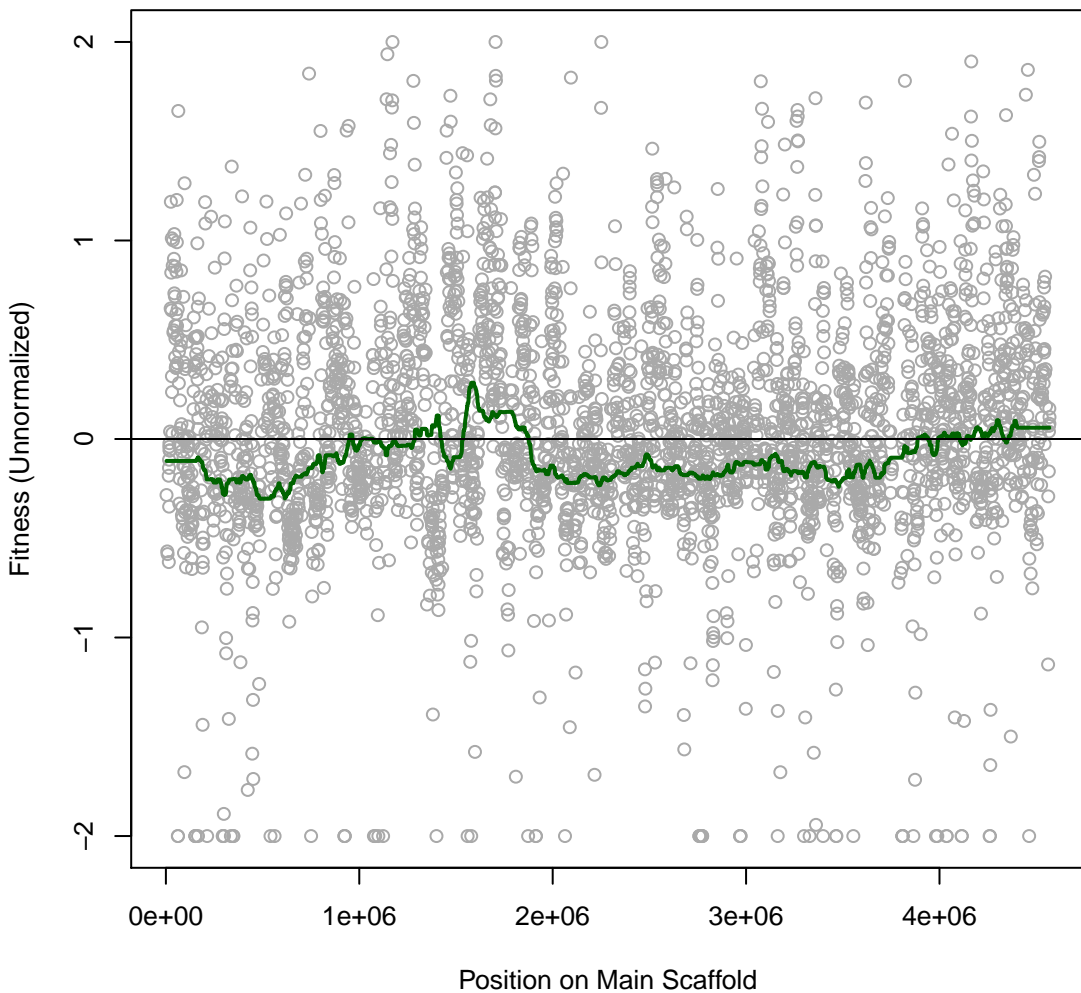
psRCH2 1H45 #45 (gMed=595 rho12=0.868)
succinate (C)



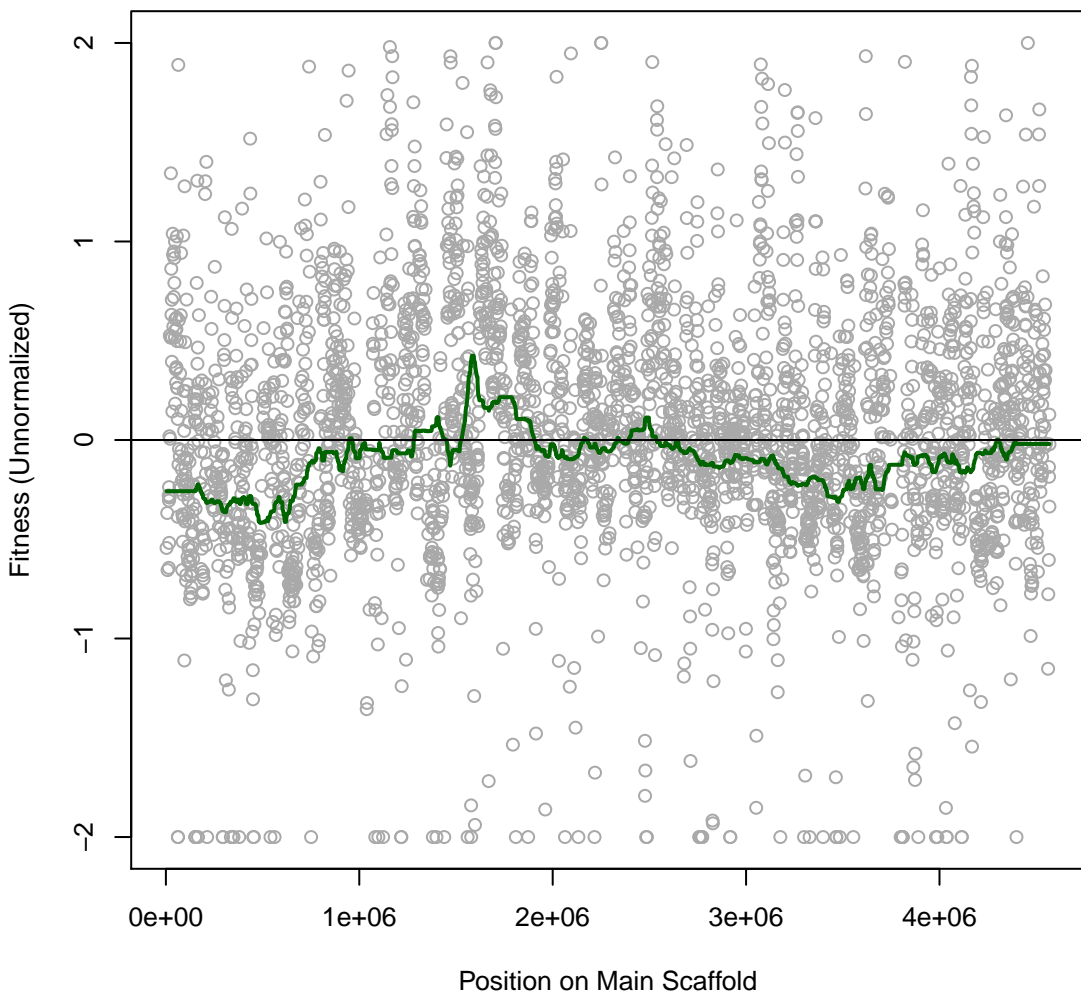
psRCH2 1H46 #46 (gMed=395 rho12=0.815)
Ethanol (C)



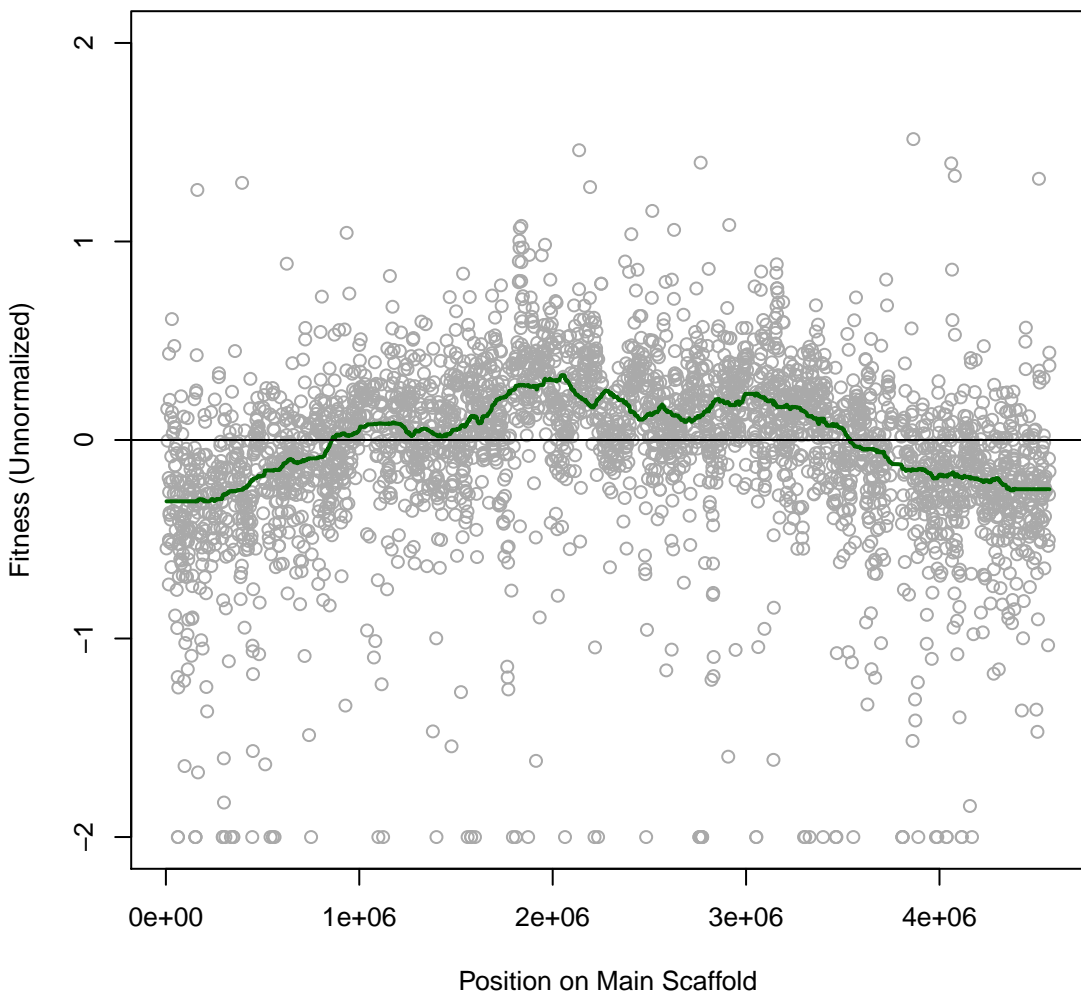
psRCH2 1H47 #47 (gMed=546 rho12=0.782)
Glycerol (C)



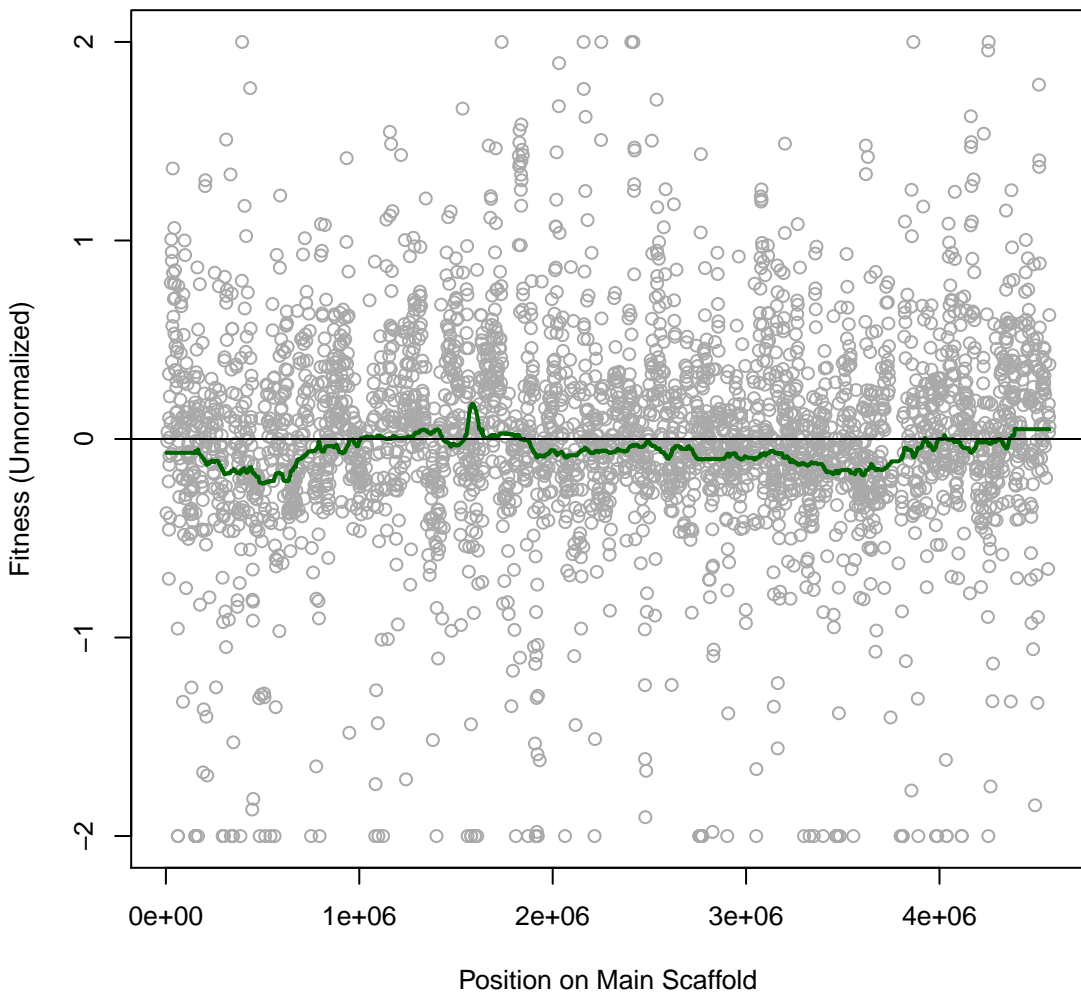
psRCH2 1H48 #48 (gMed=494 rho12=0.822)
Tween 20 (C)



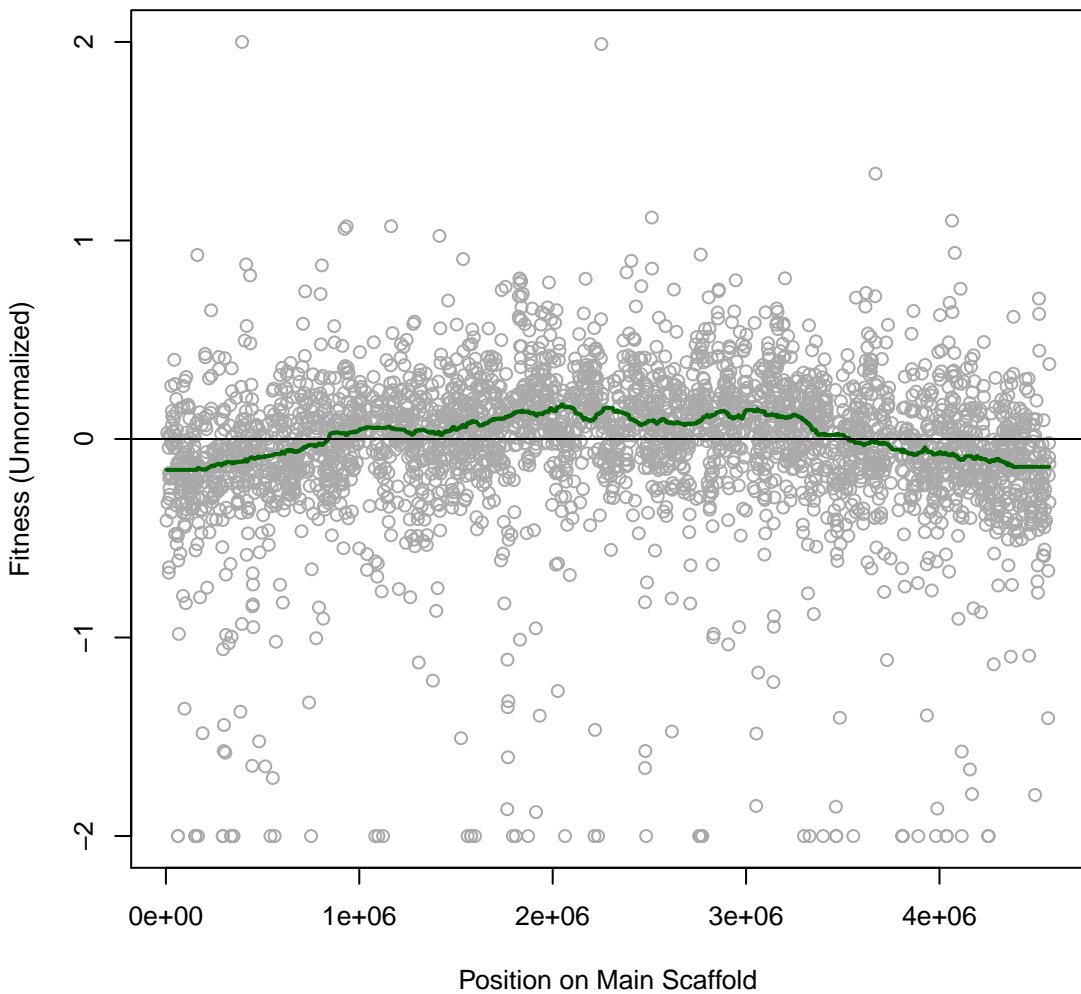
psRCH2 2H1 #49 (gMed=212 rho12=0.405)
L-Malic (C)



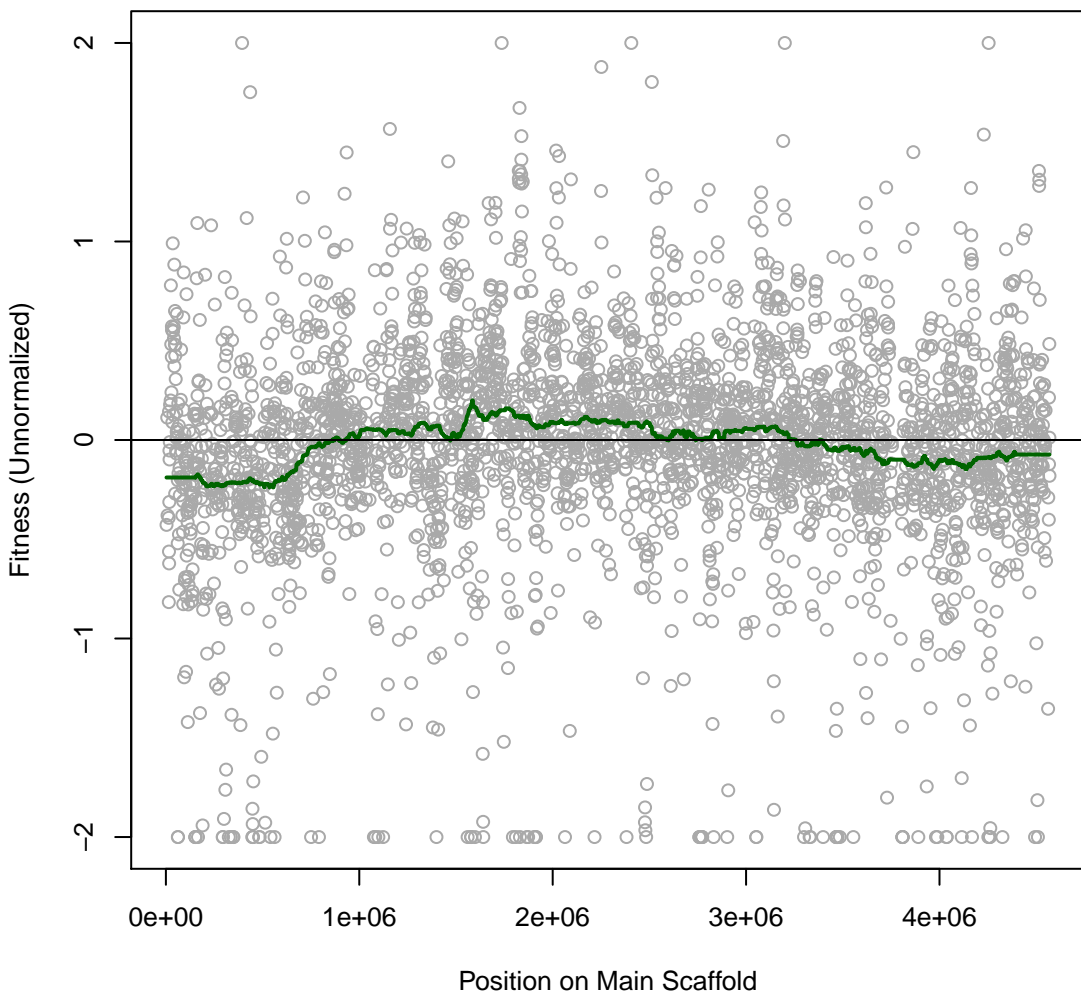
psRCH2 2H2 #50 (gMed=270 rho12=0.630)
L-Glutamic (C)



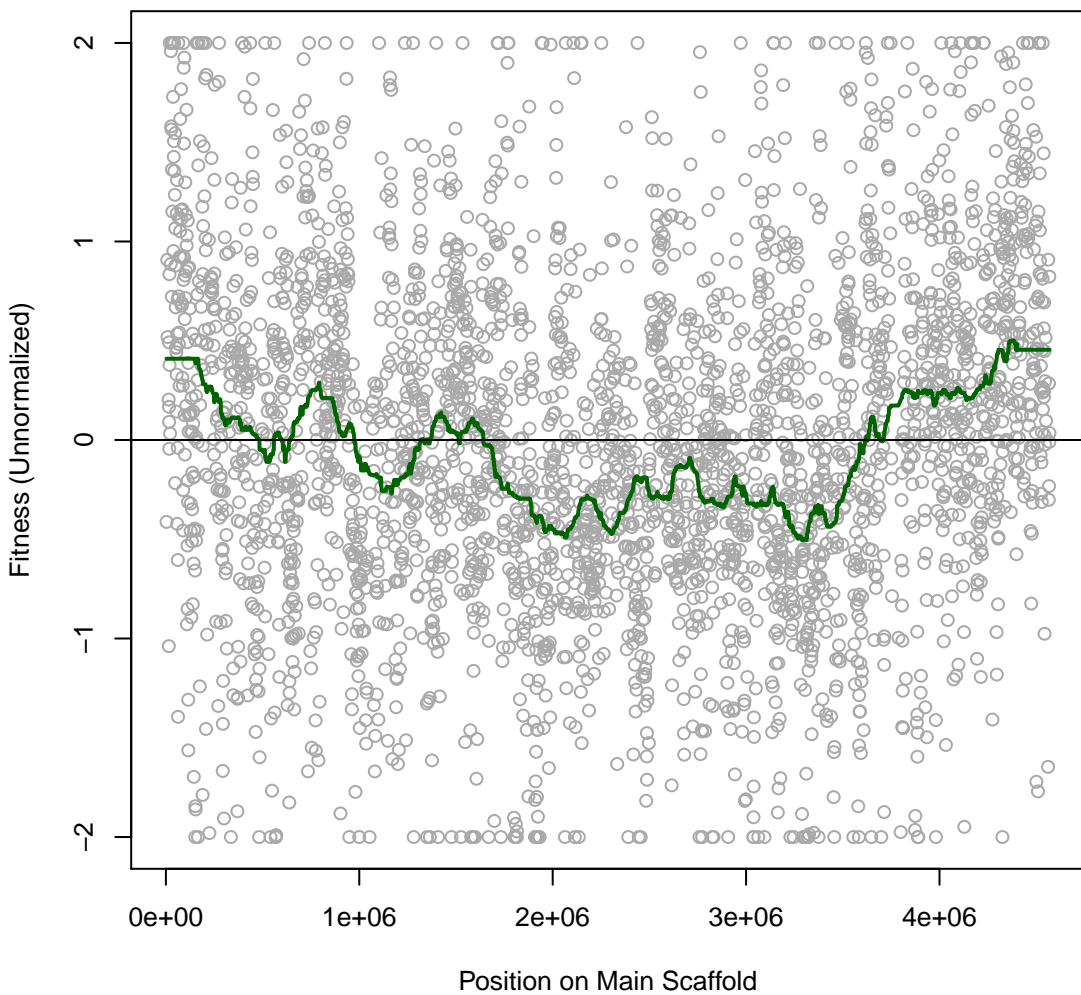
psRCH2 2H3 #51 (gMed=239 rho12=0.370)
L-Asparagine (C)



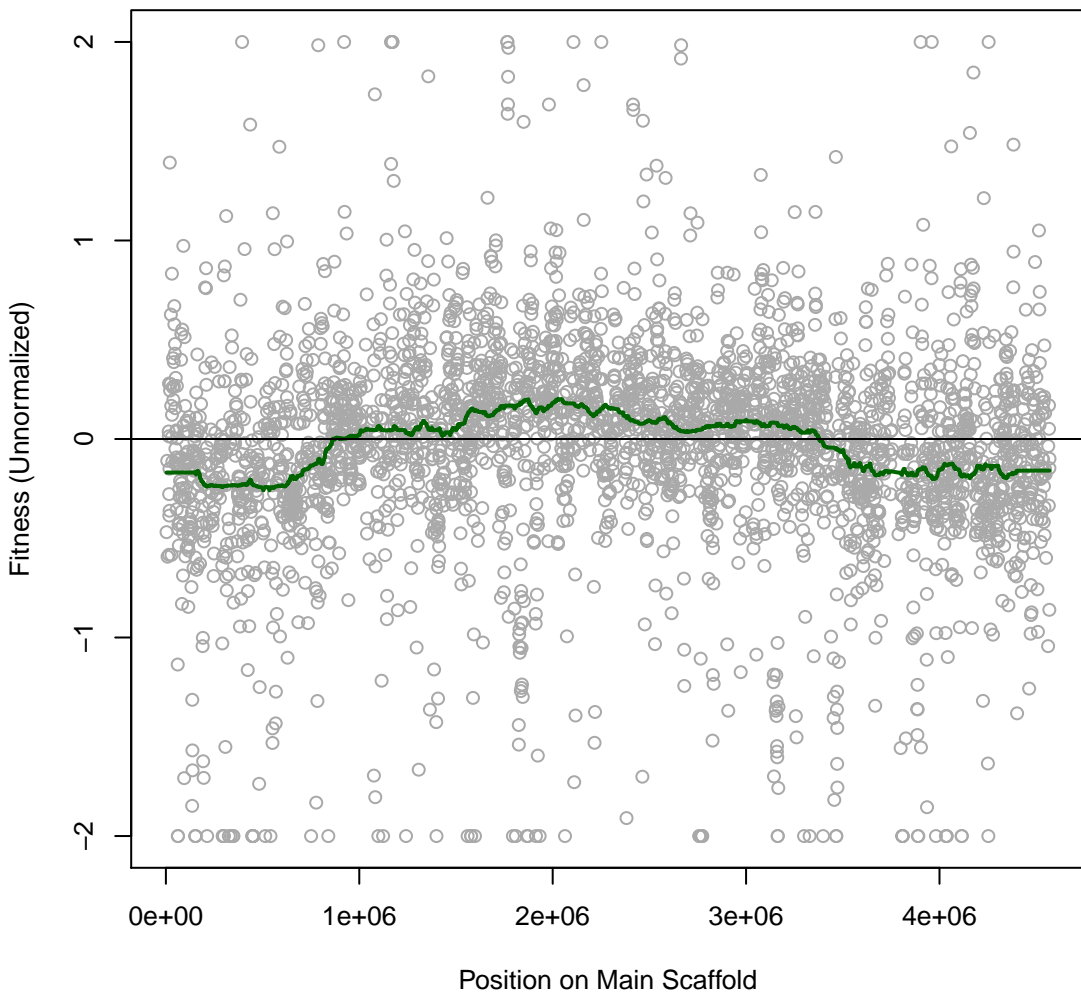
psRCH2 2H4 #52 (gMed=137 rho12=0.550)
L-Glutamine (C)



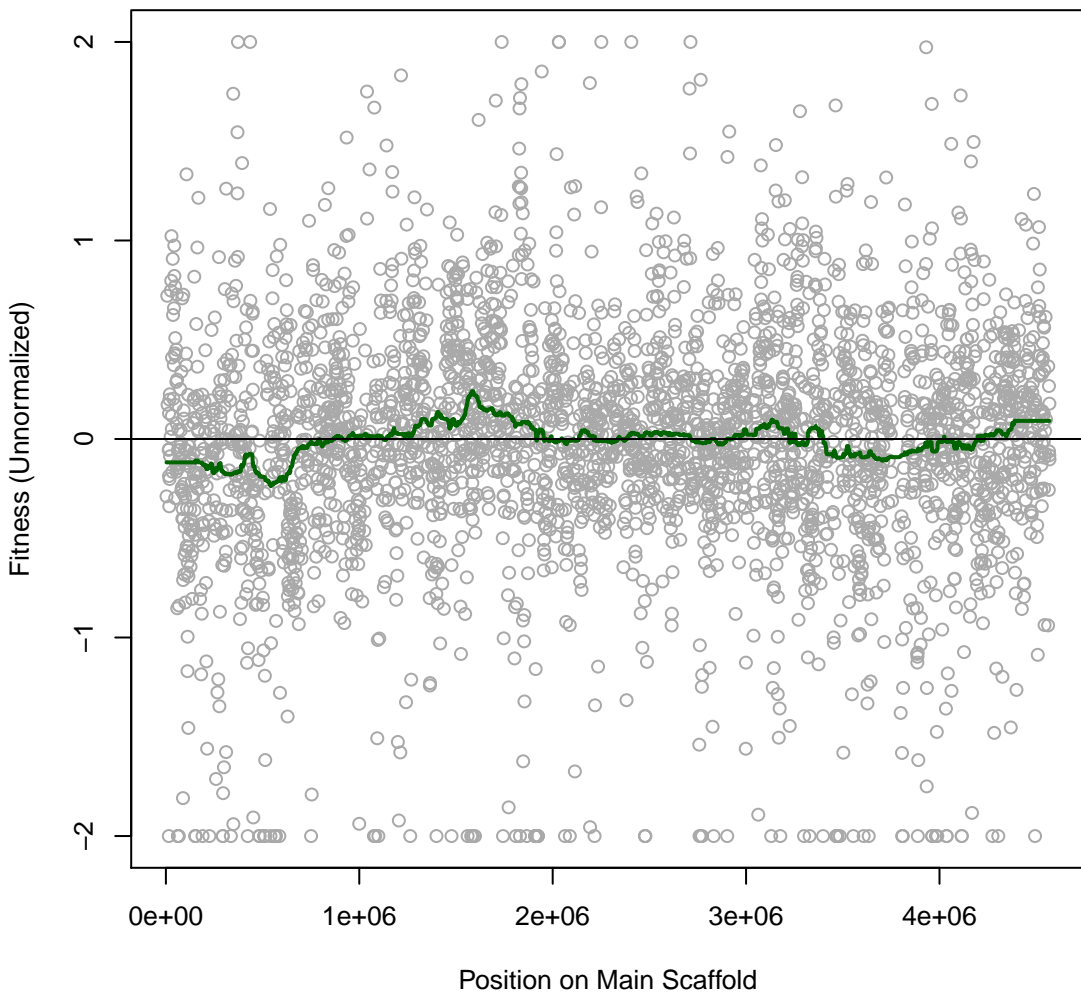
psRCH2 2H5 #53 (gMed=154 rho12=0.625)
Glycine (C)



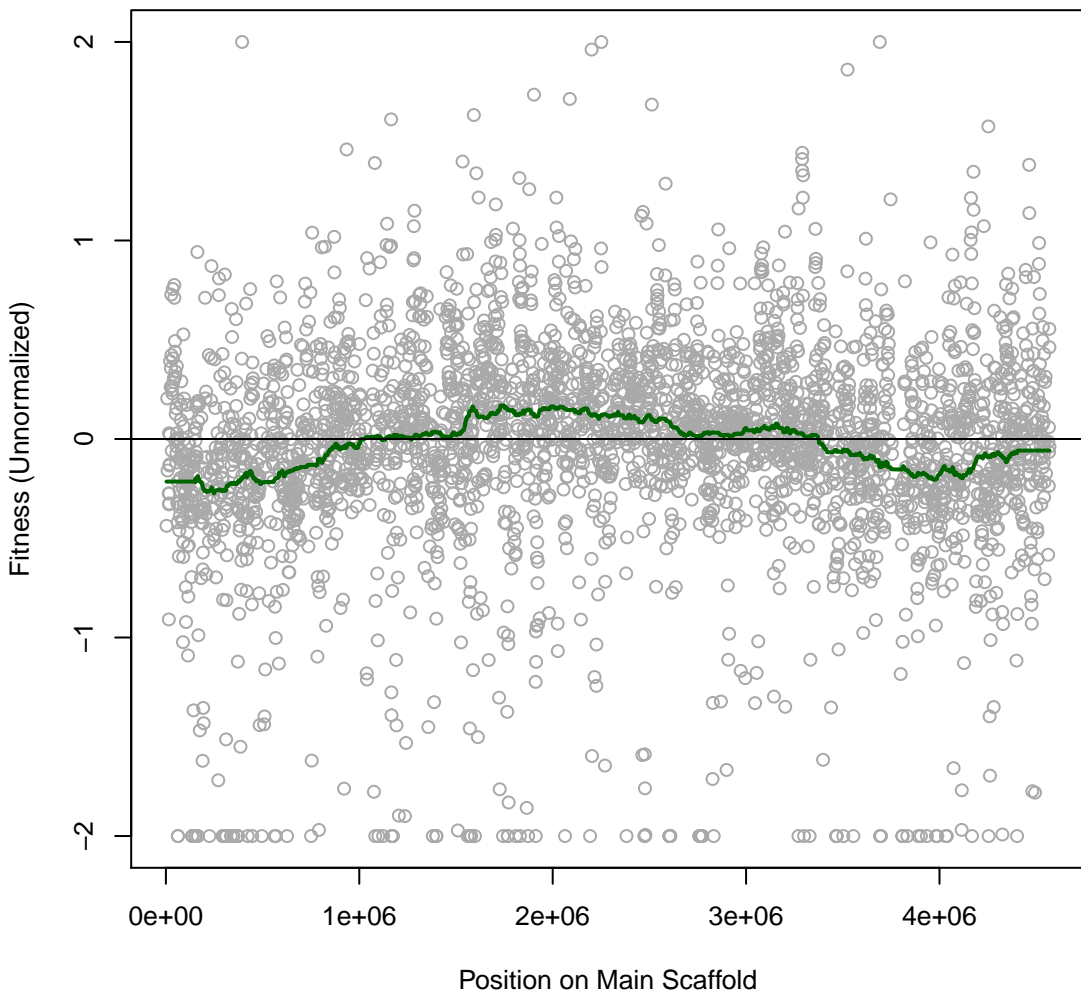
psRCH2 2H6 #54 (gMed=226 rho12=0.560)
L-Proline (C)



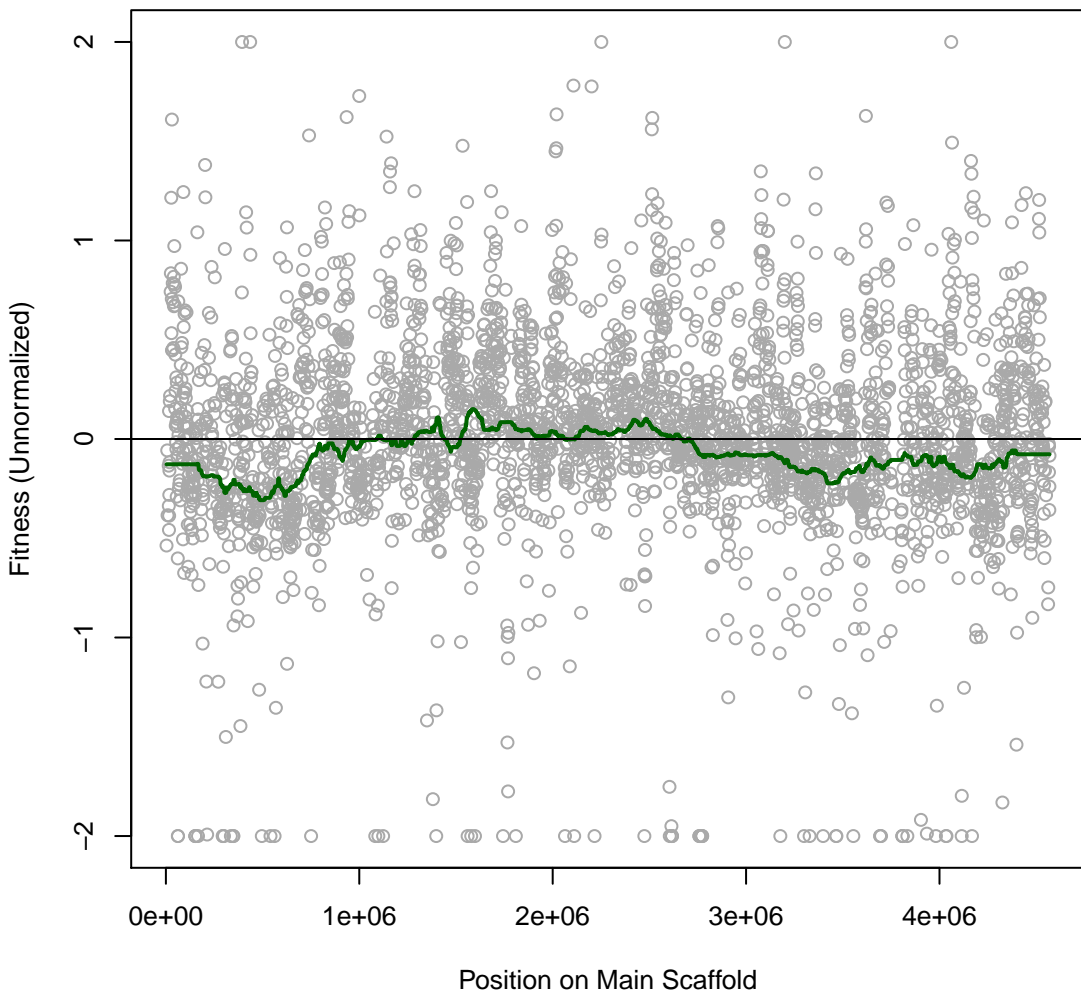
psRCH2 2H7 #55 (gMed=220 rho12=0.588)
L-Alanine (C)



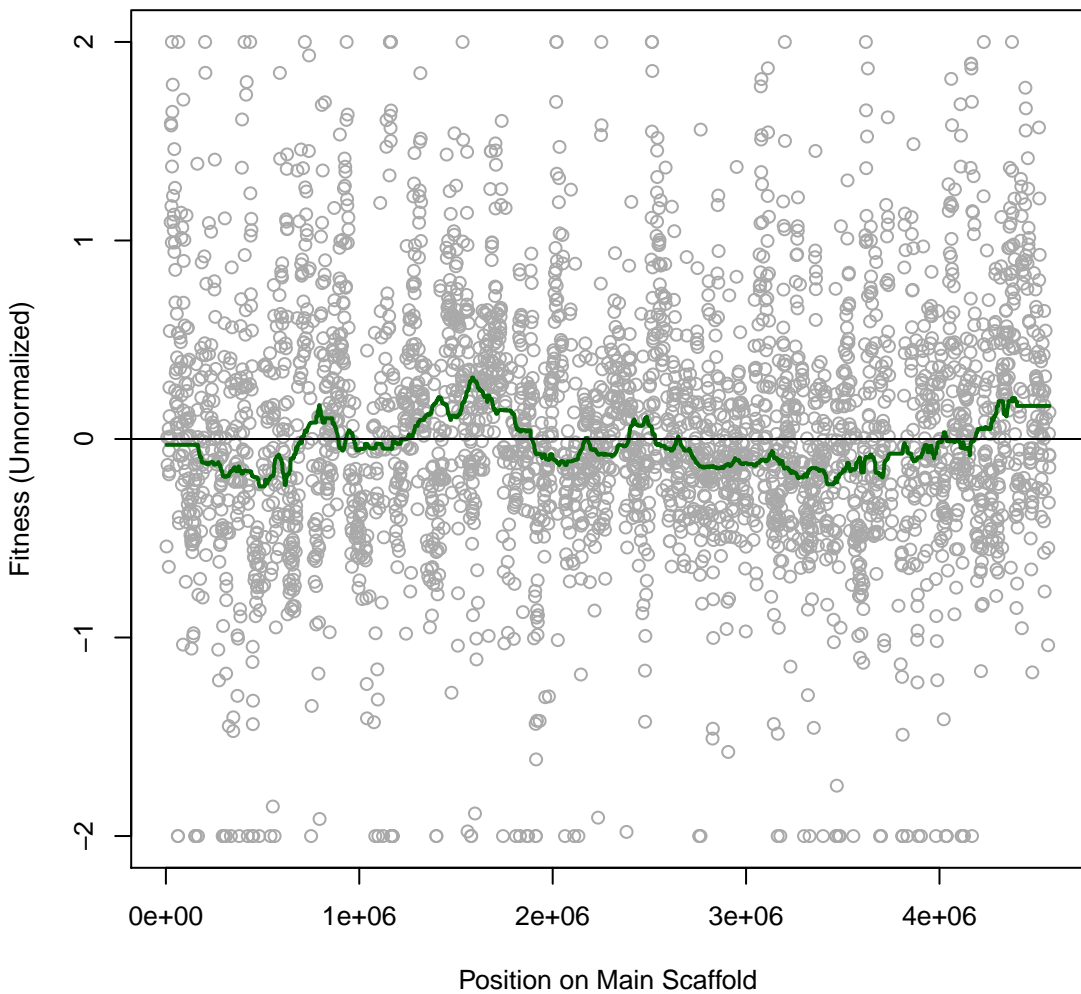
psRCH2 2H8 #56 (gMed=240 rho12=0.602)
L-Valine (C)



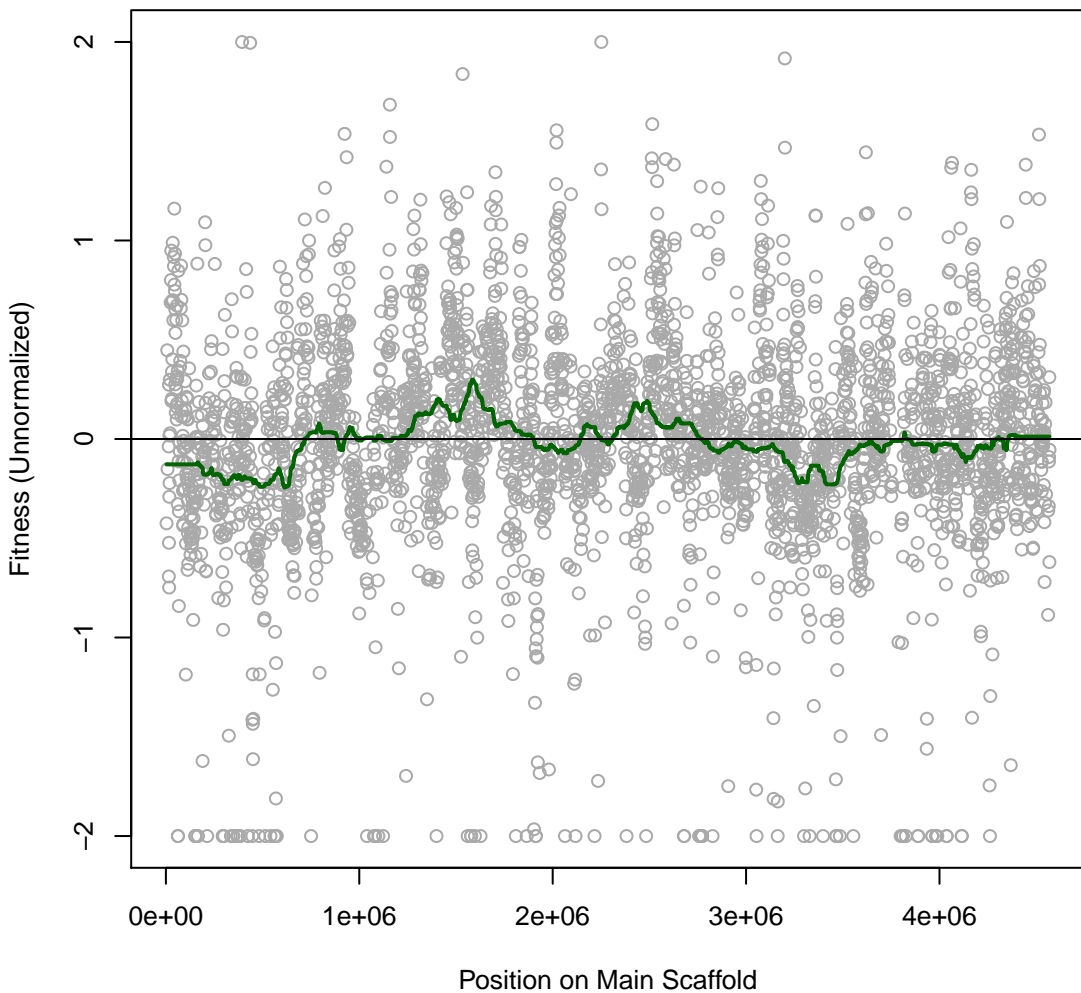
psRCH2 2H9 #57 (gMed=212 rho12=0.592)
L-Isoleucine (C)



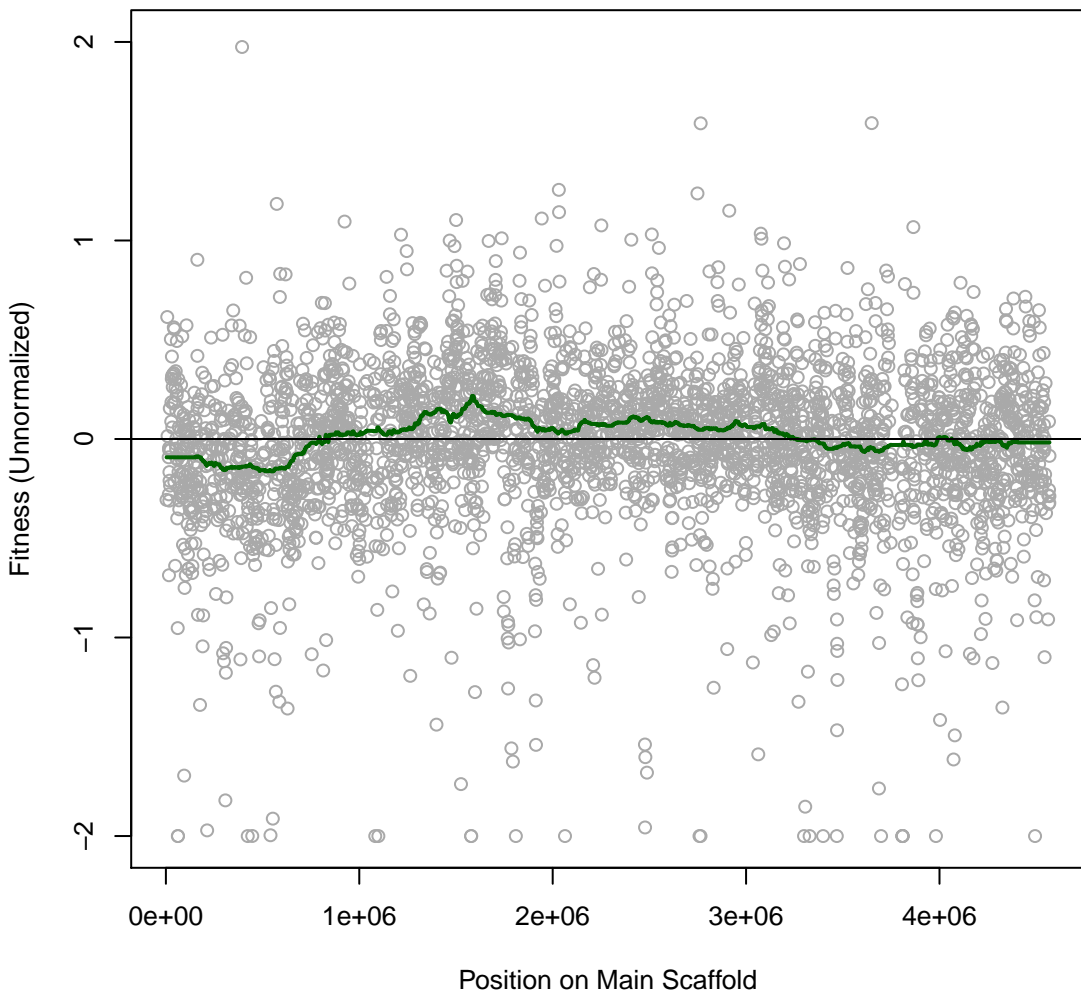
psRCH2 2H10 #58 (gMed=255 rho12=0.755)
L-Leucine (C)



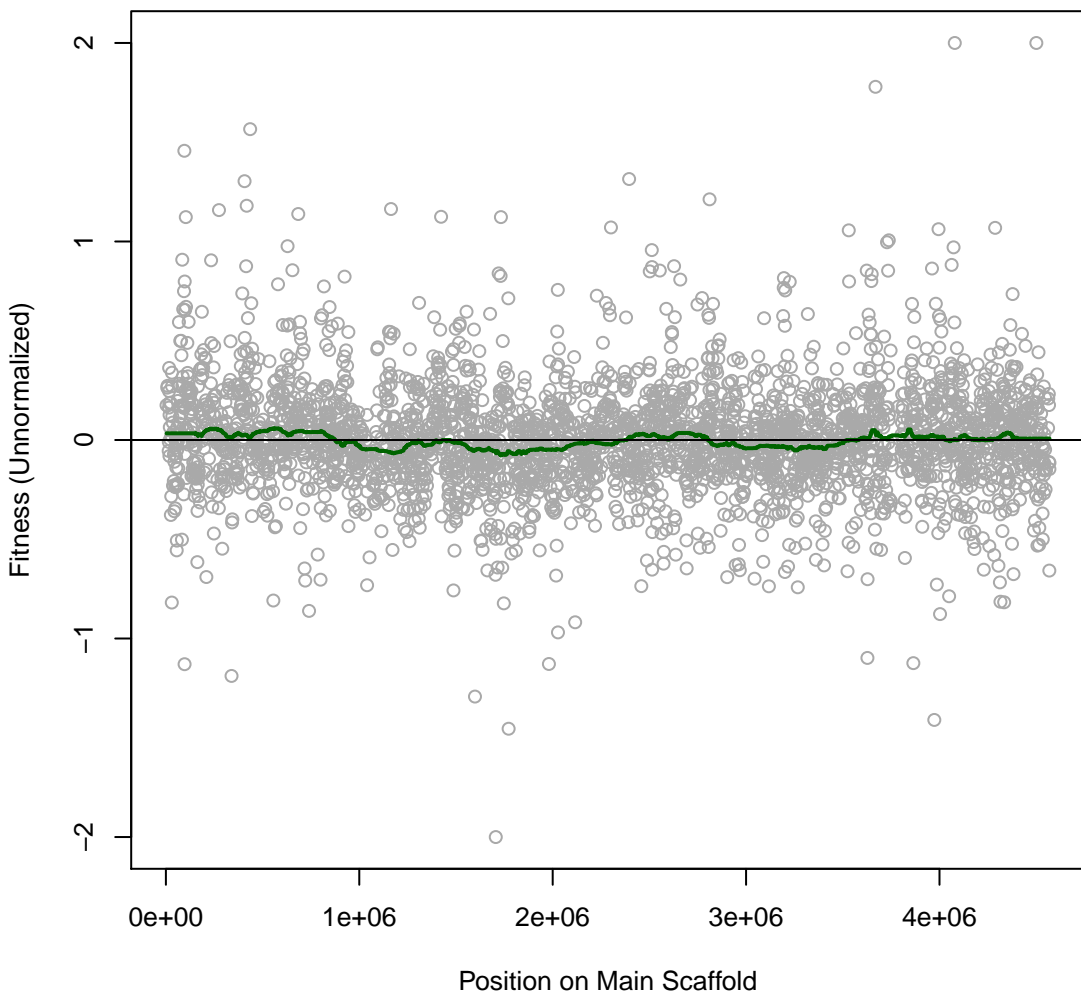
psRCH2 2H11 #59 (gMed=242 rho12=0.684)
D-Alanine (C)



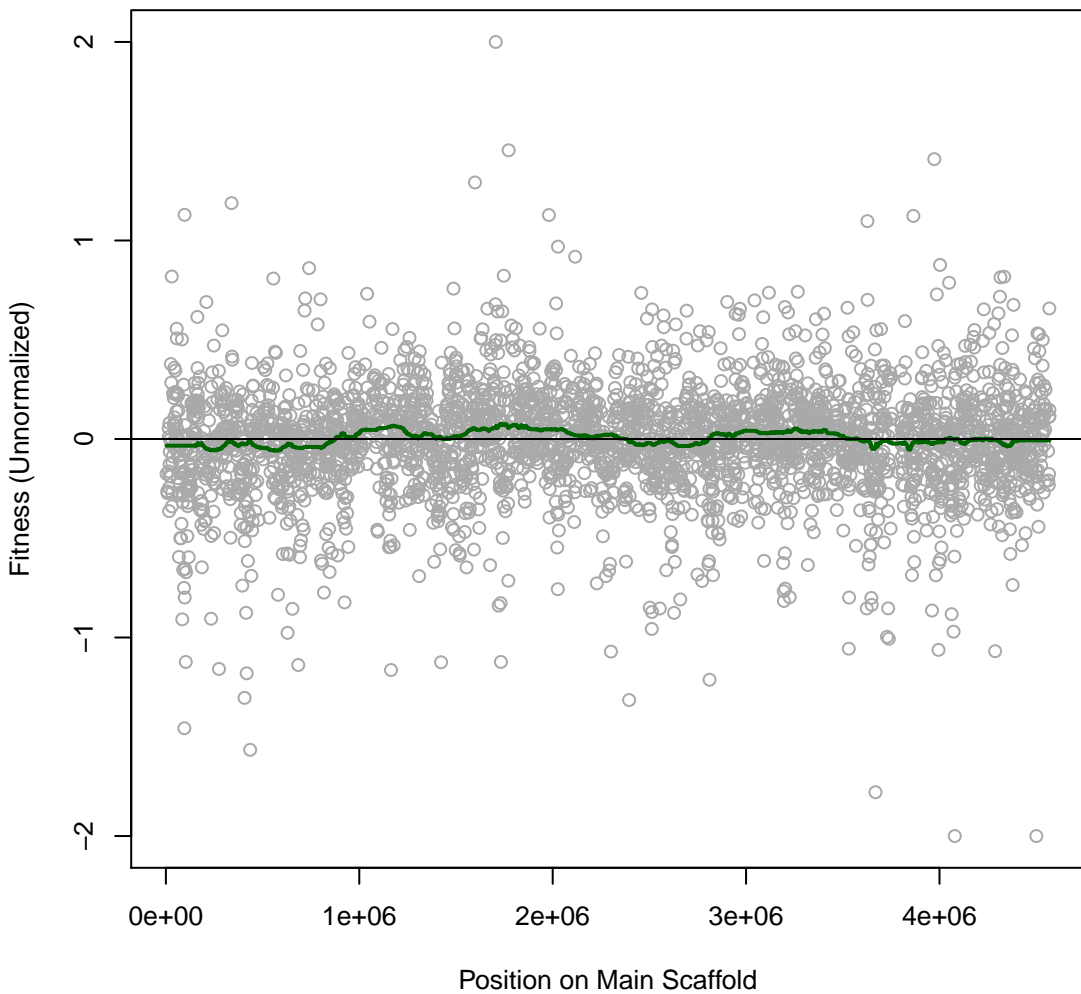
psRCH2 2H12 #60 (gMed=212 rho12=0.427)
casaminos (C)



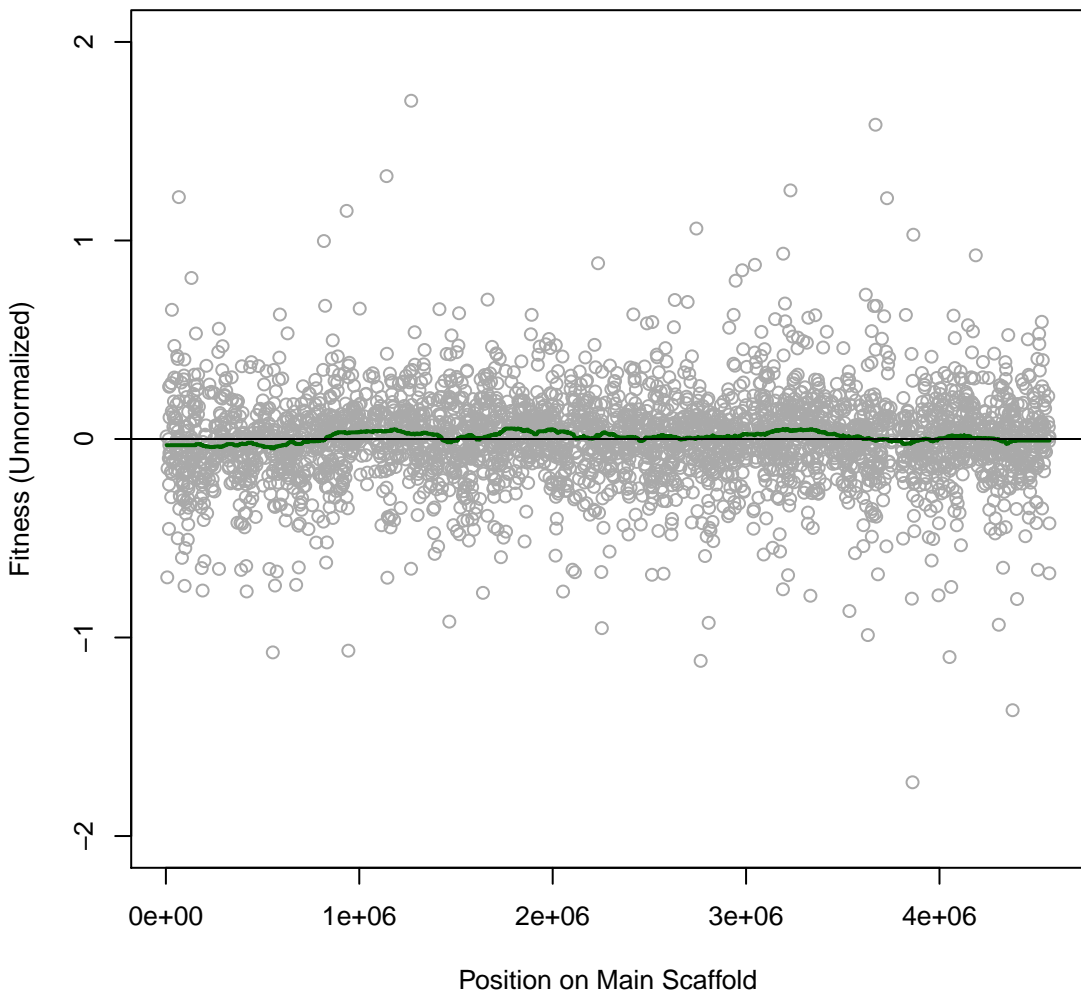
psRCH2 2H13 #61 (gMed=228 rho12=0.176)
Time0



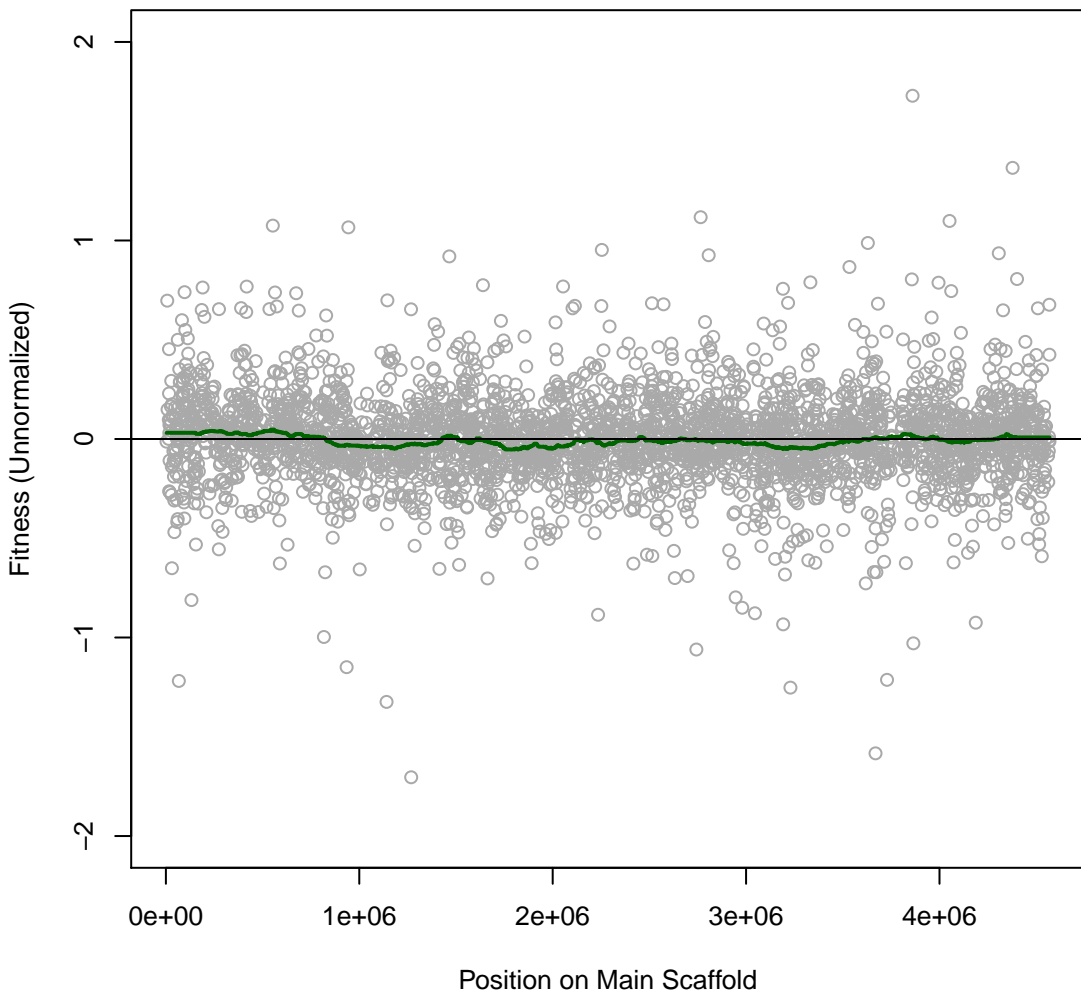
psRCH2 2H14 #62 (gMed=161 rho12=0.176)
Time0



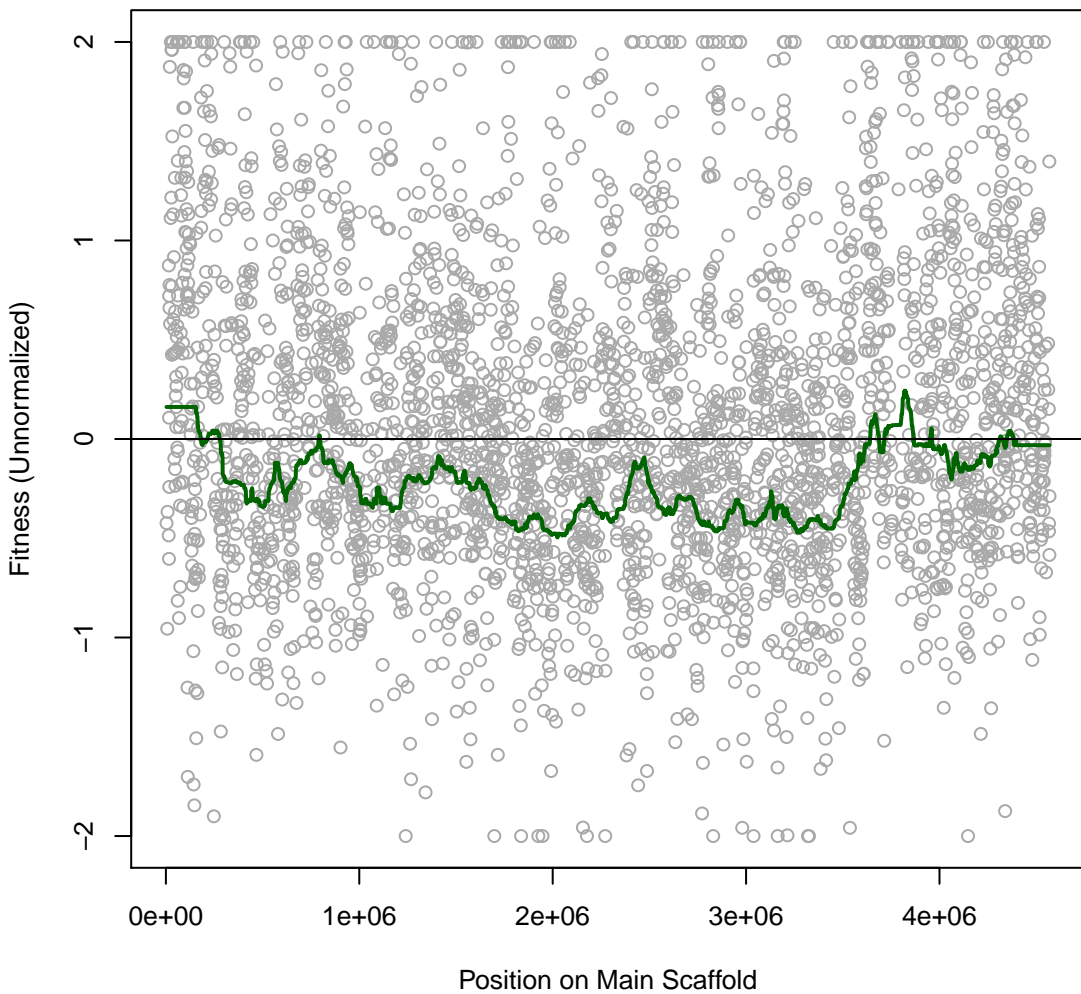
psRCH2 2H15 #63 (gMed=256 rho12=0.121)
Time0



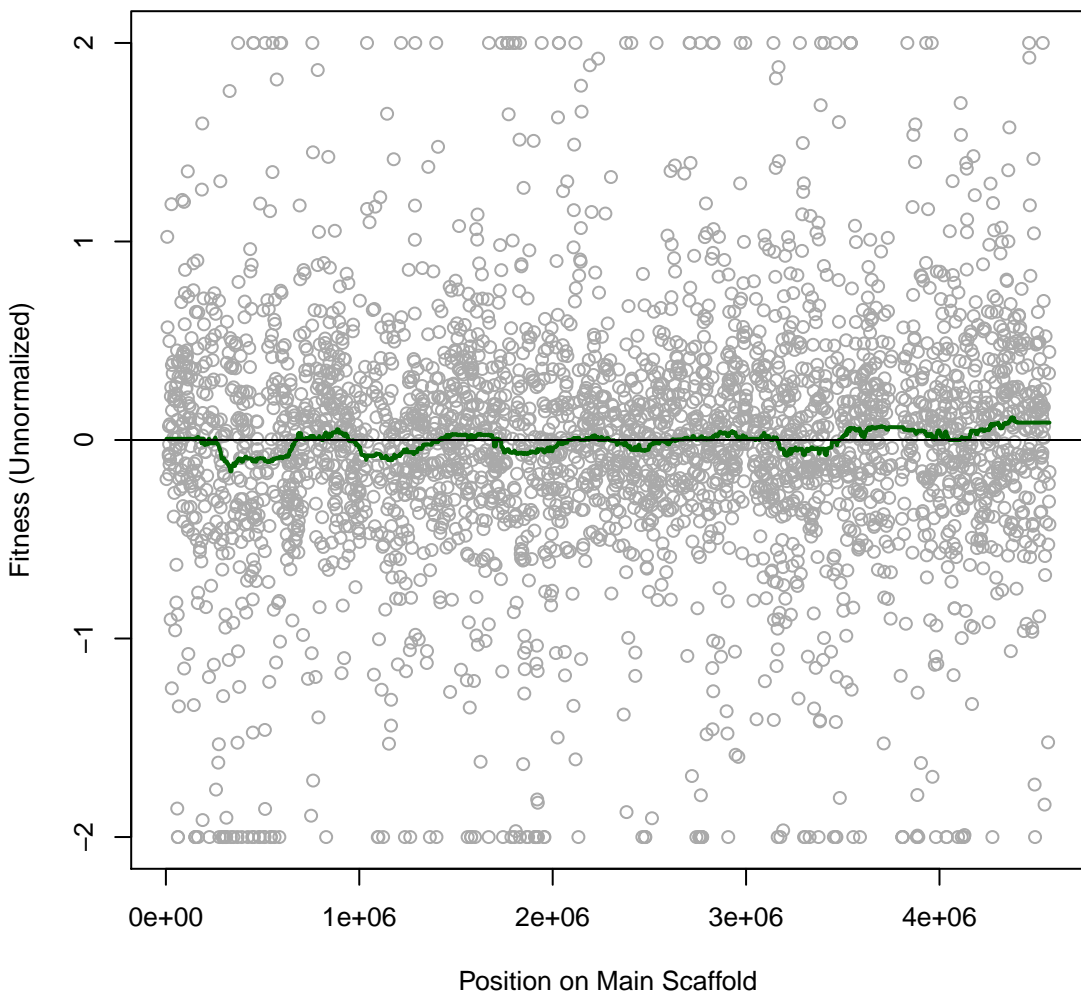
psRCH2 2H16 #64 (gMed=278 rho12=0.121)
Time0



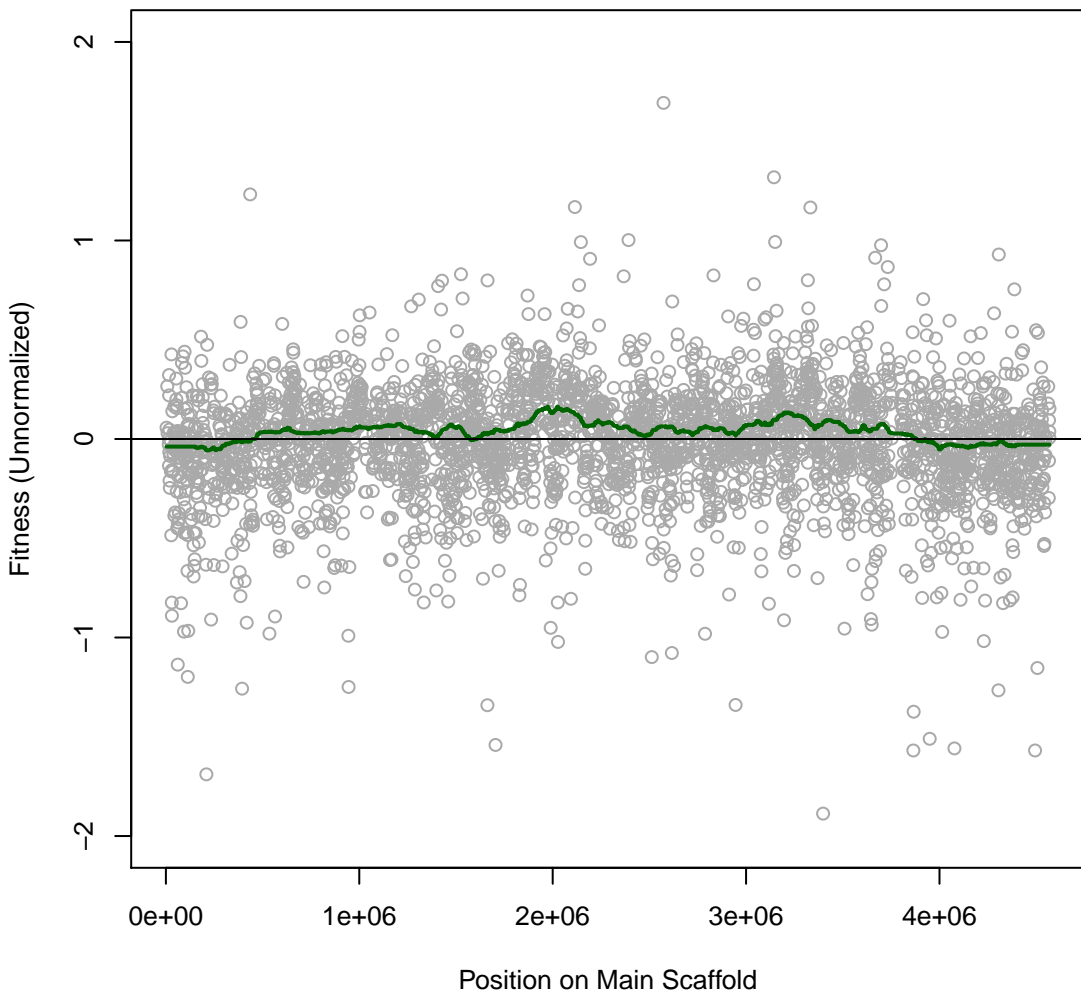
psRCH2 2H38 #65 (gMed=4 rho12=0.358)
octanoate (C)



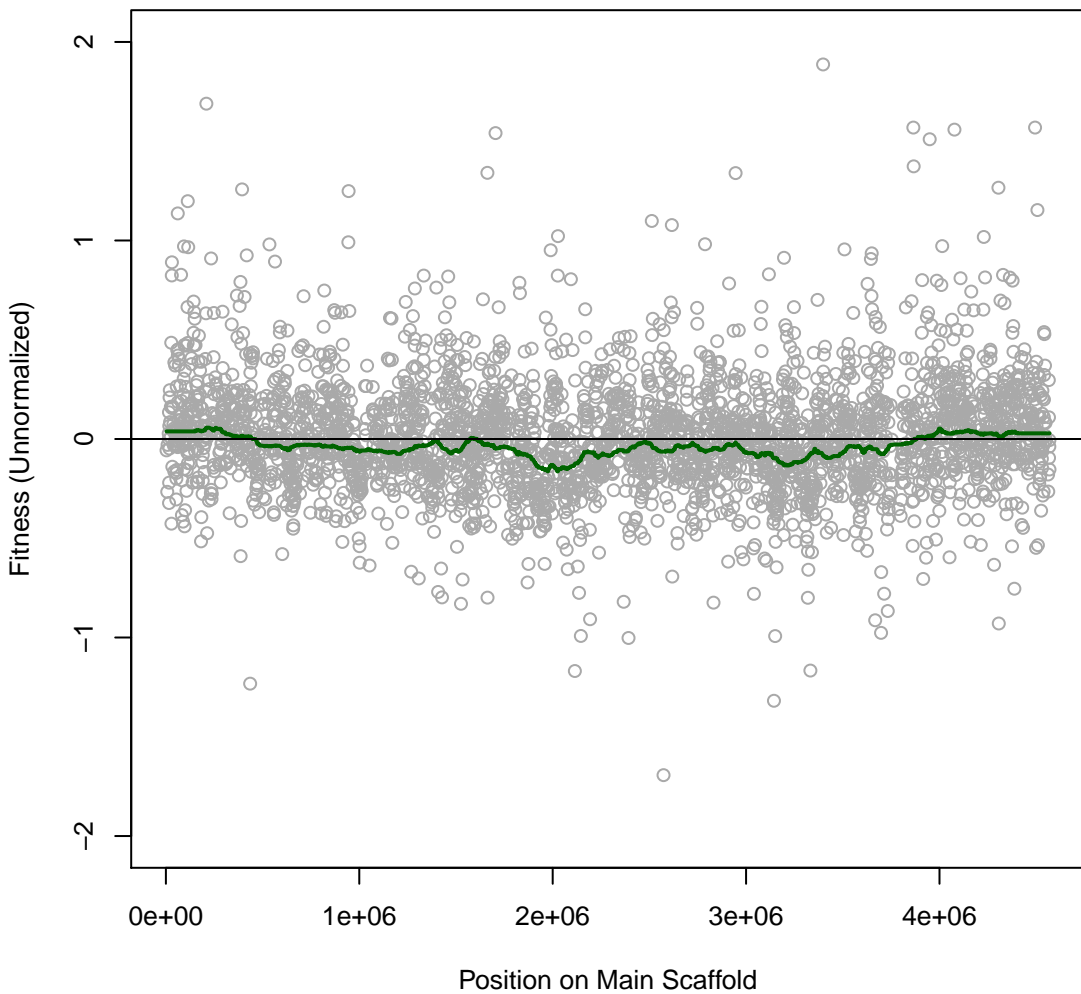
psRCH2 2H39 #66 (gMed=109 rho12=0.468)
butyrate (C)



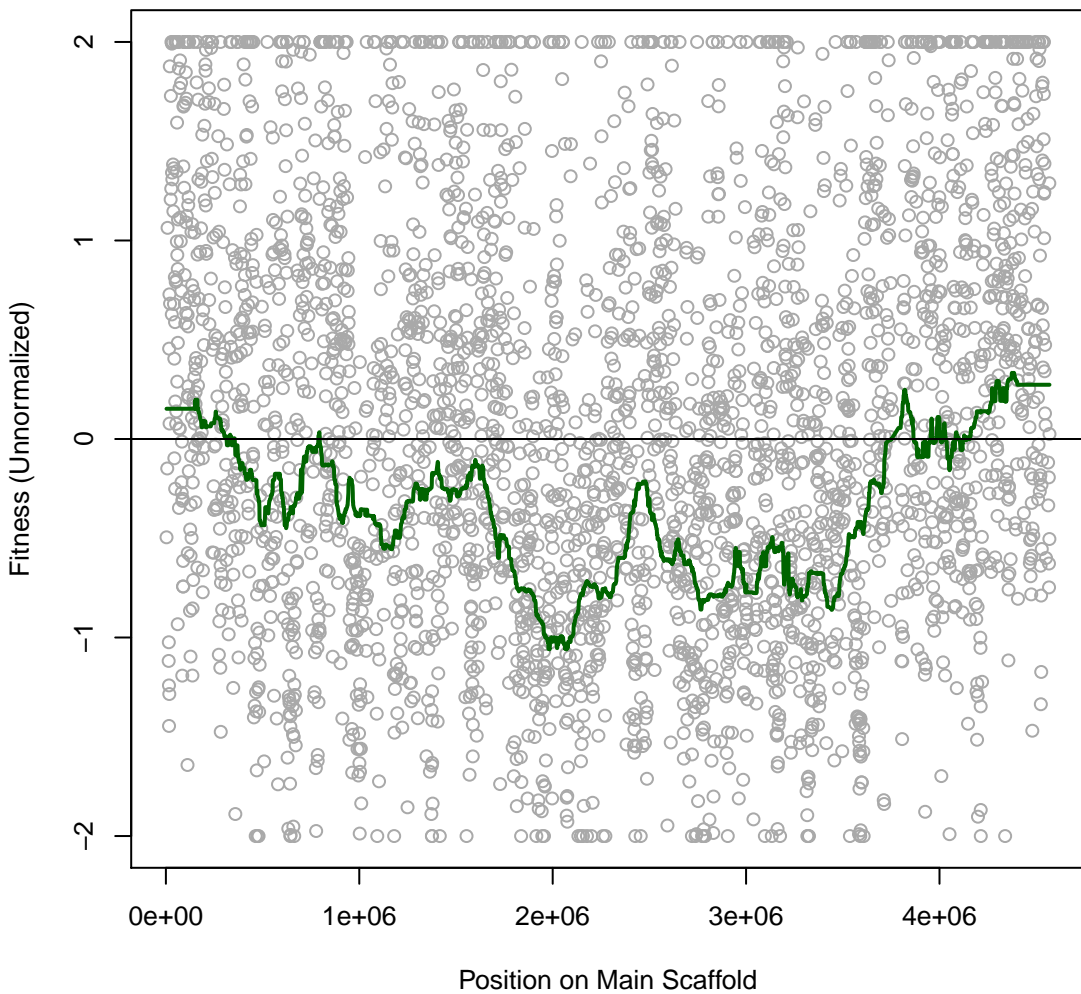
psRCH2 3H1 #67 (gMed=205 rho12=0.215)
Time0



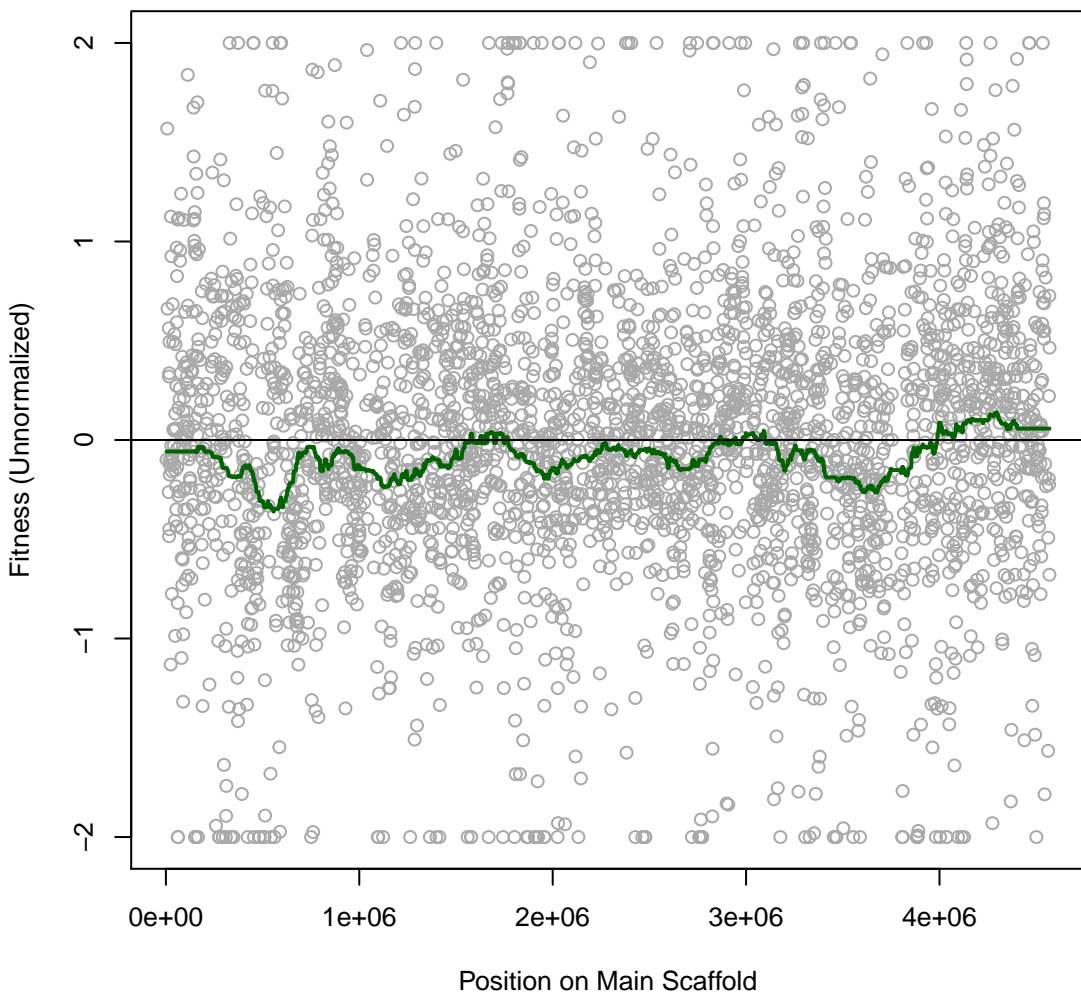
psRCH2 3H2 #68 (gMed=265 rho12=0.215)
Time0



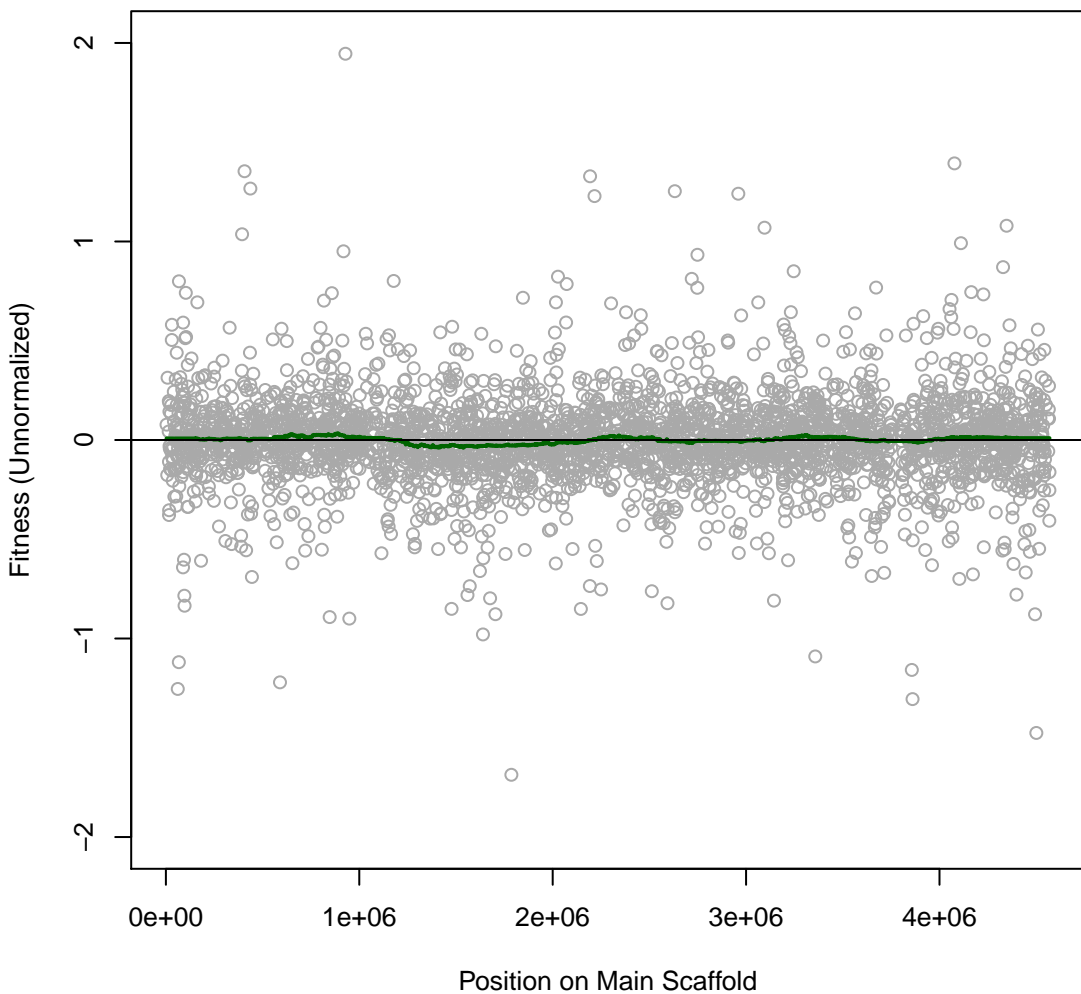
psRCH2 3H15 #69 (gMed=4 rho12=0.461)
octanoate (C)



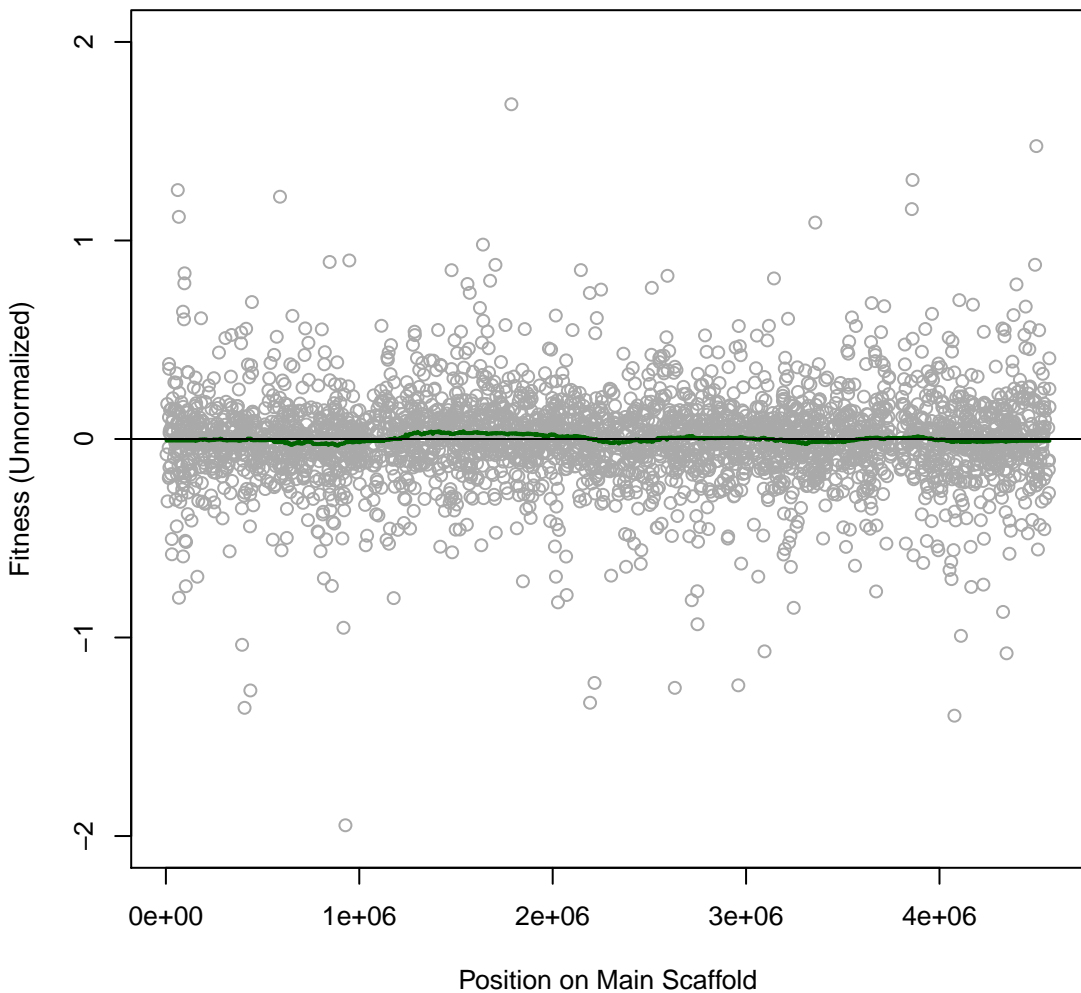
psRCH2 3H16 #70 (gMed=96 rho12=0.616)
butyrate (C)



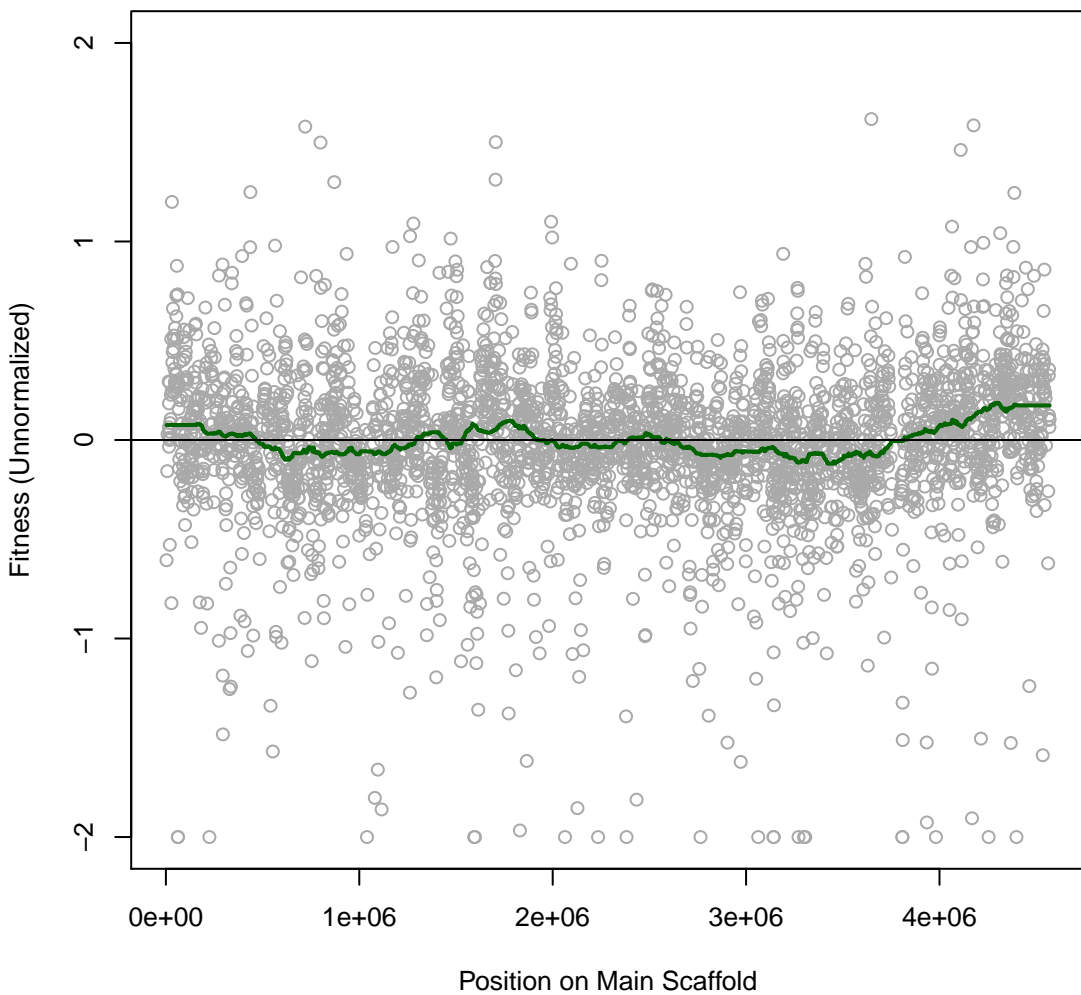
psRCH2 3H17 #71 (gMed=208 rho12=-0.024)
Time0



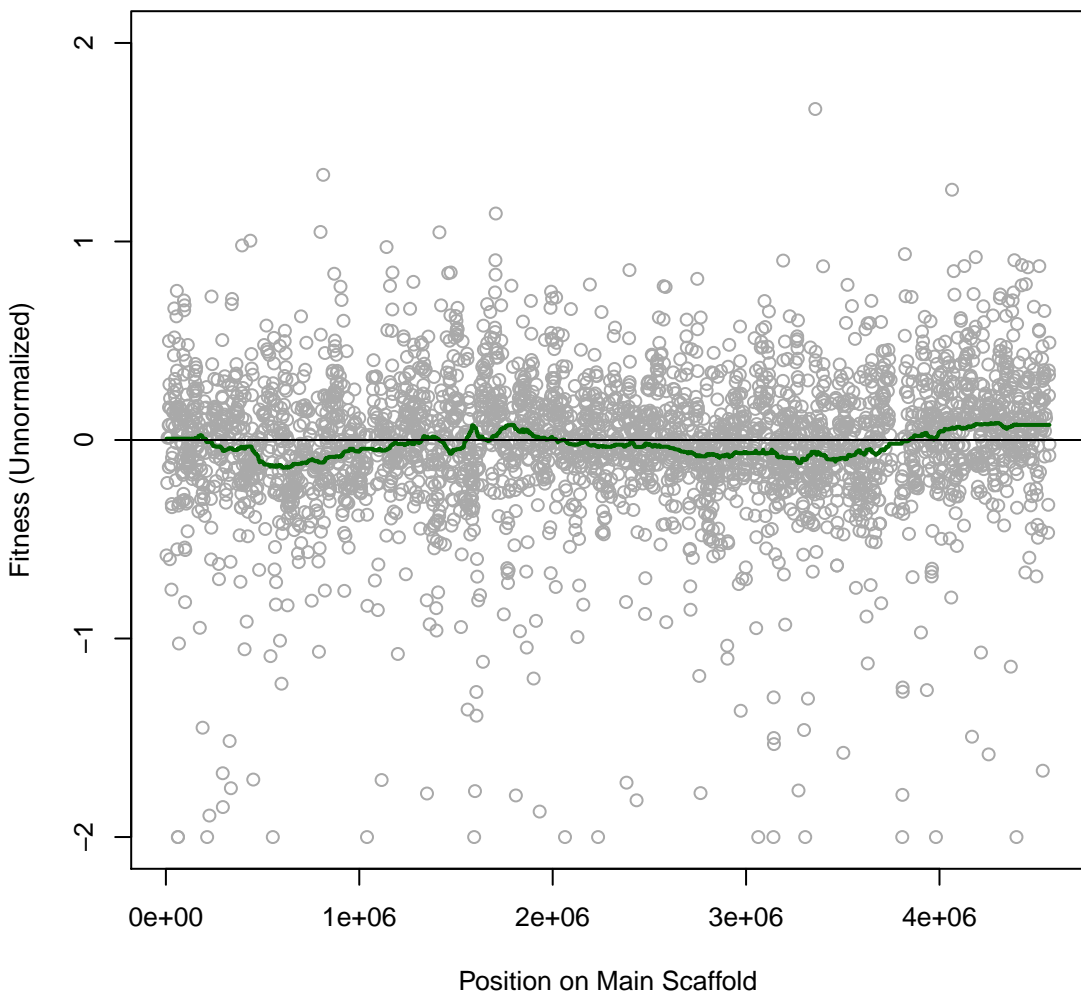
psRCH2 3H18 #72 (gMed=209 rho12=-0.024)
Time0



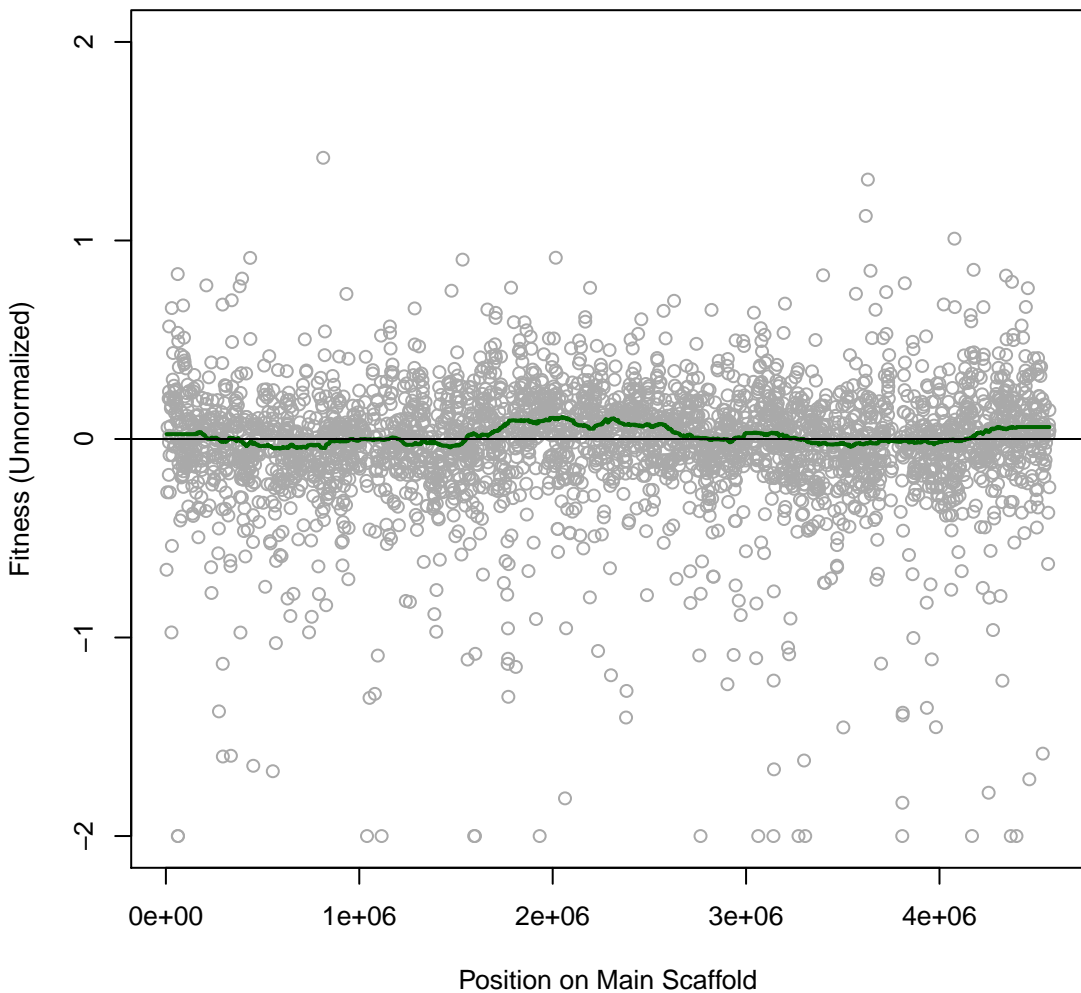
psRCH2 3H33 #73 (gMed=199 rho12=0.436)
LB



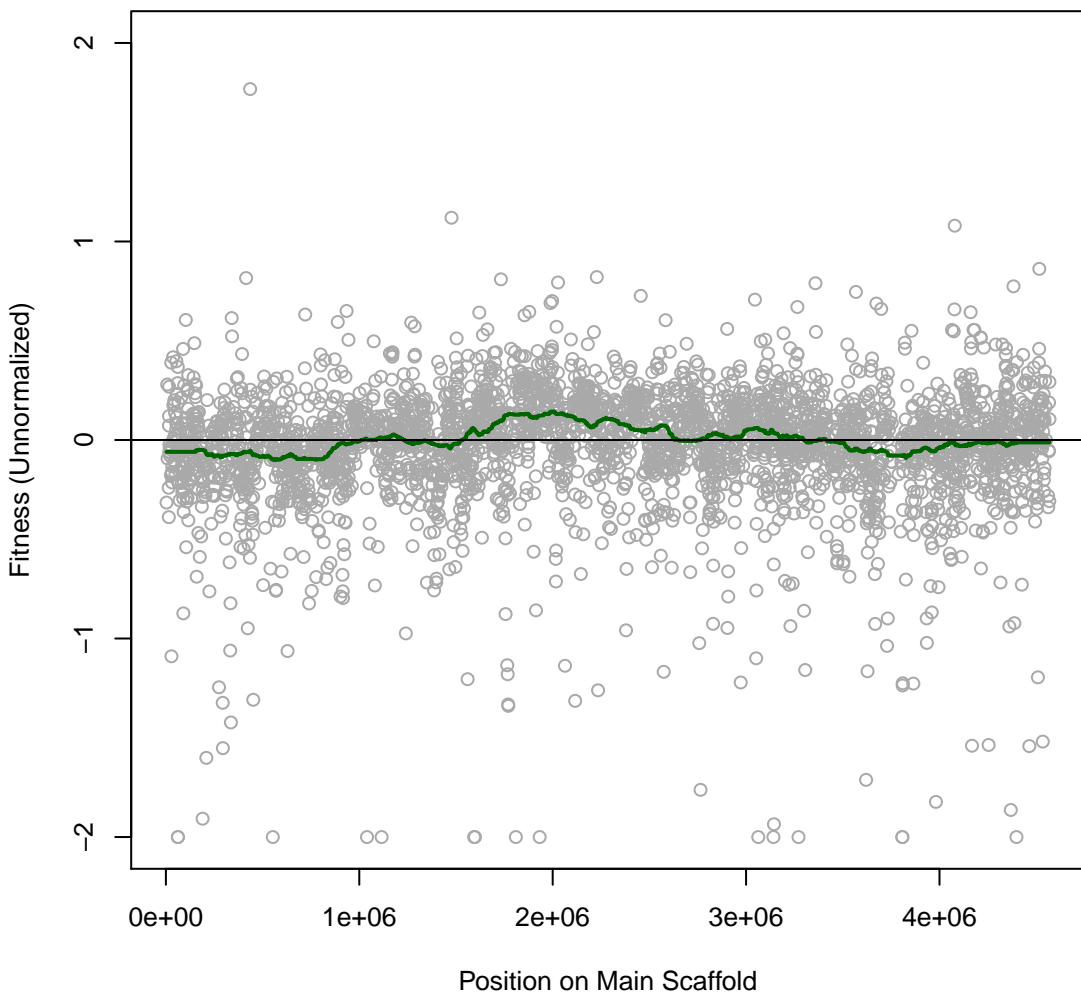
psRCH2 3H43 #74 (gMed=195 rho12=0.365)
LB



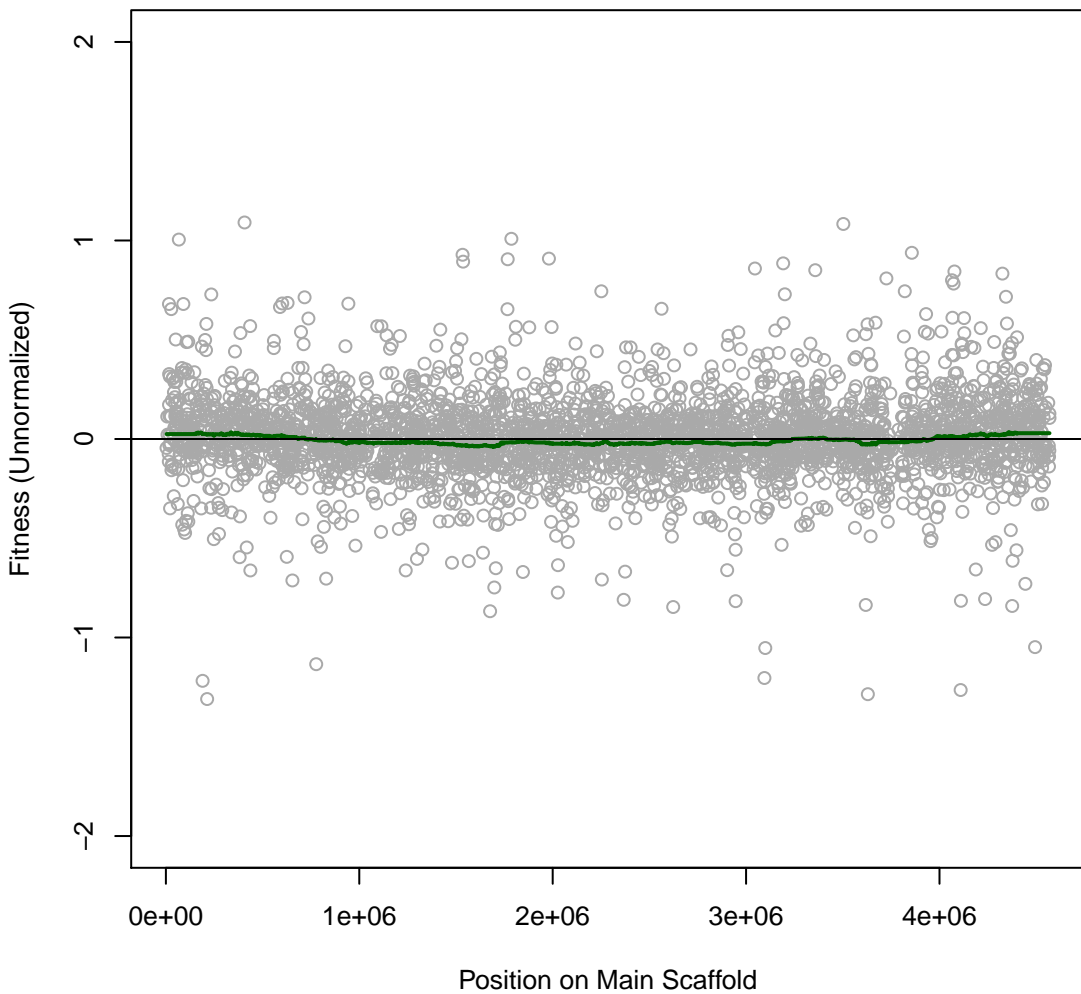
psRCH2 4H6 #75 (gMed=221 rho12=0.259)
LB



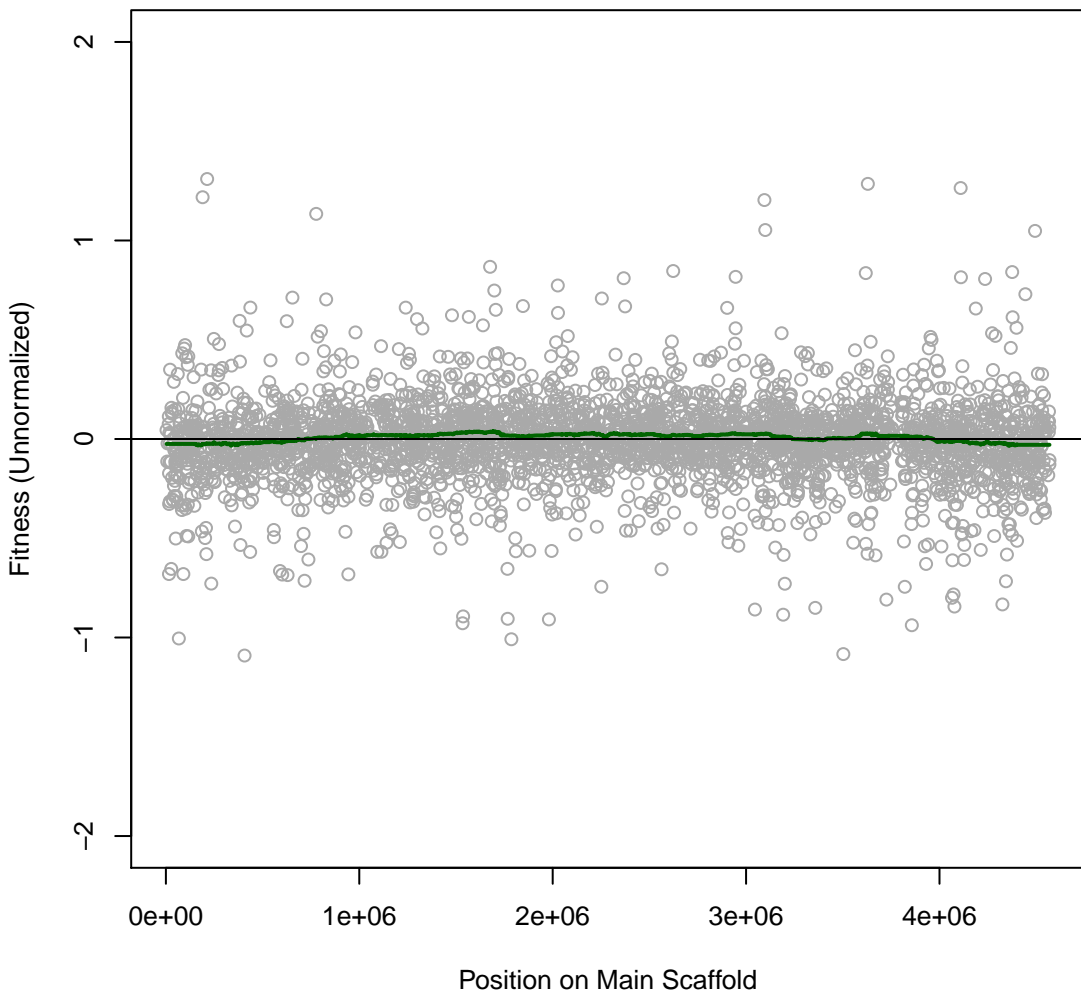
psRCH2 4H19 #76 (gMed=266 rho12=0.333)
LB



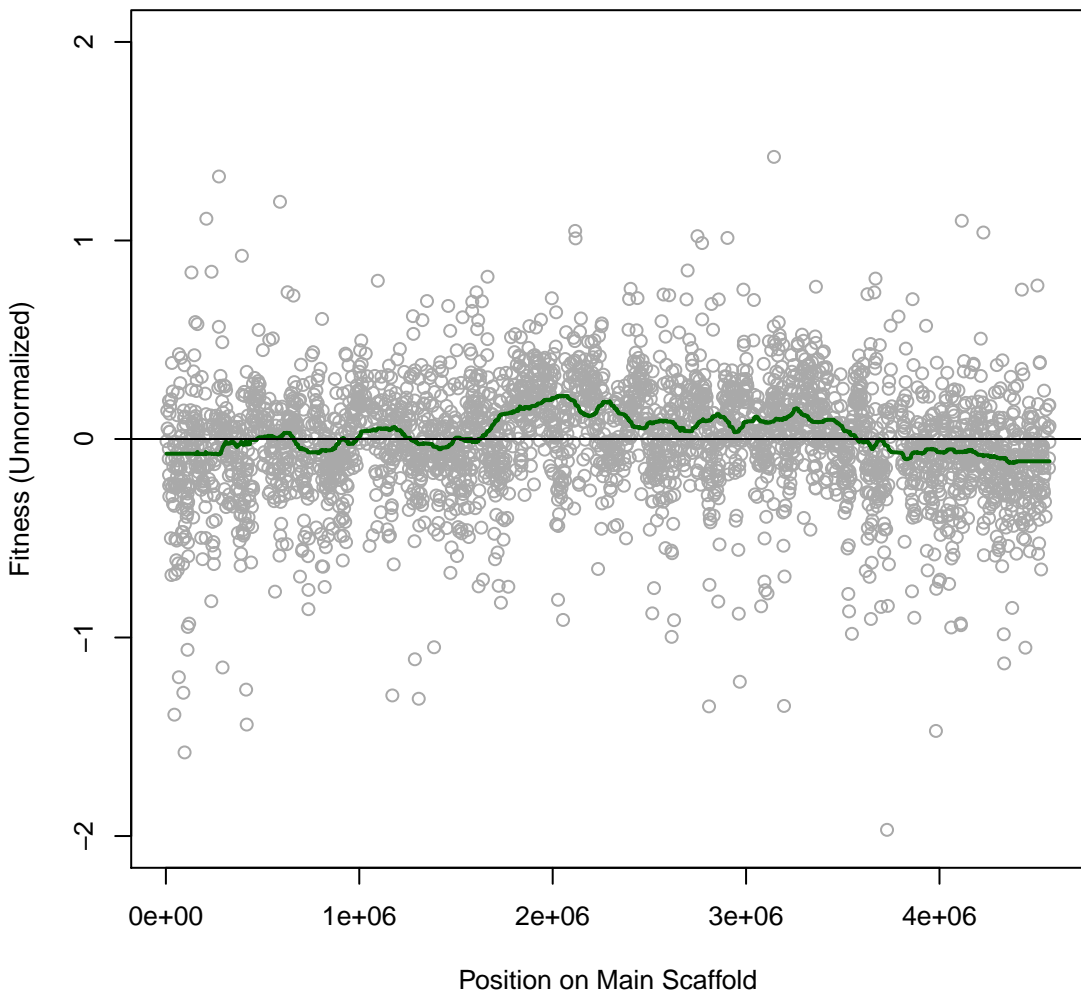
psRCH2 4H21 #77 (gMed=274 rho12=0.023)
Time0



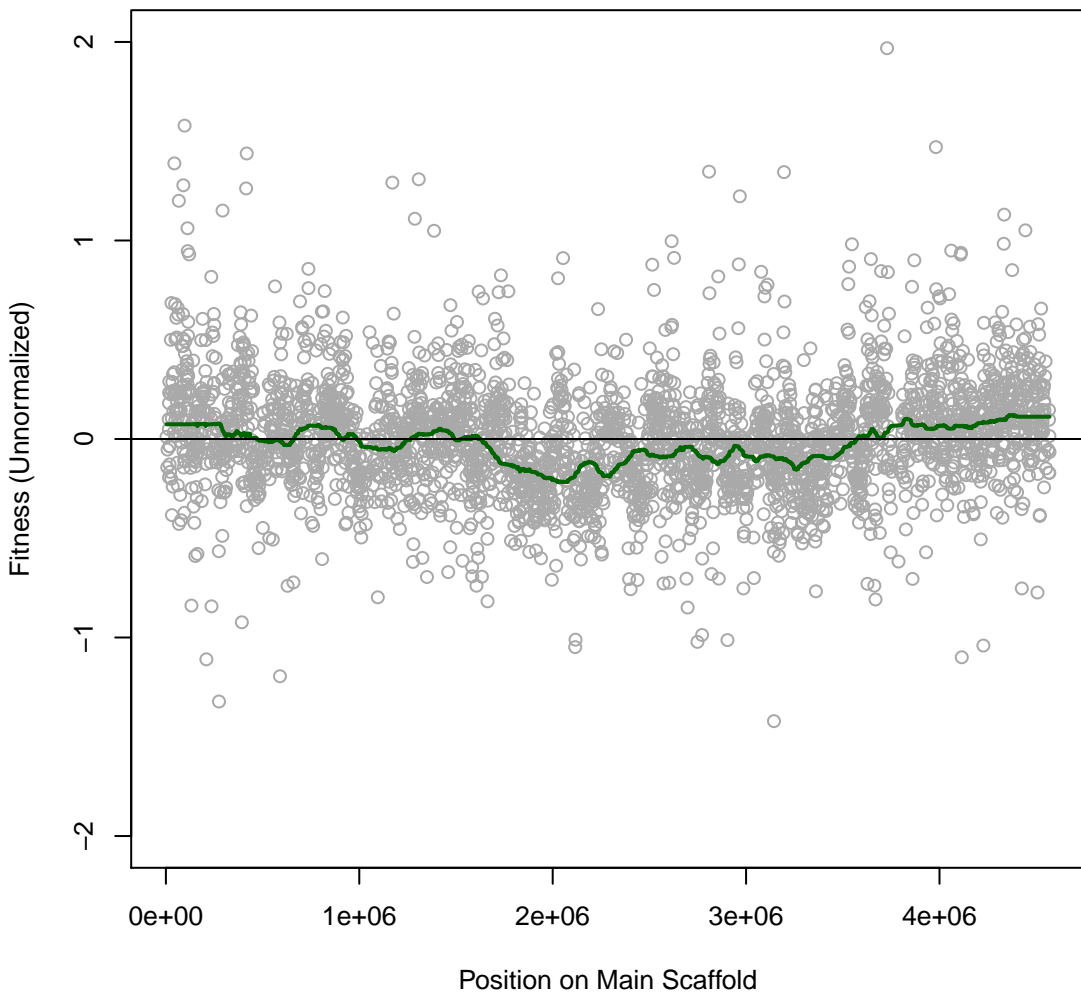
psRCH2 4H22 #78 (gMed=263 rho12=0.023)
Time0



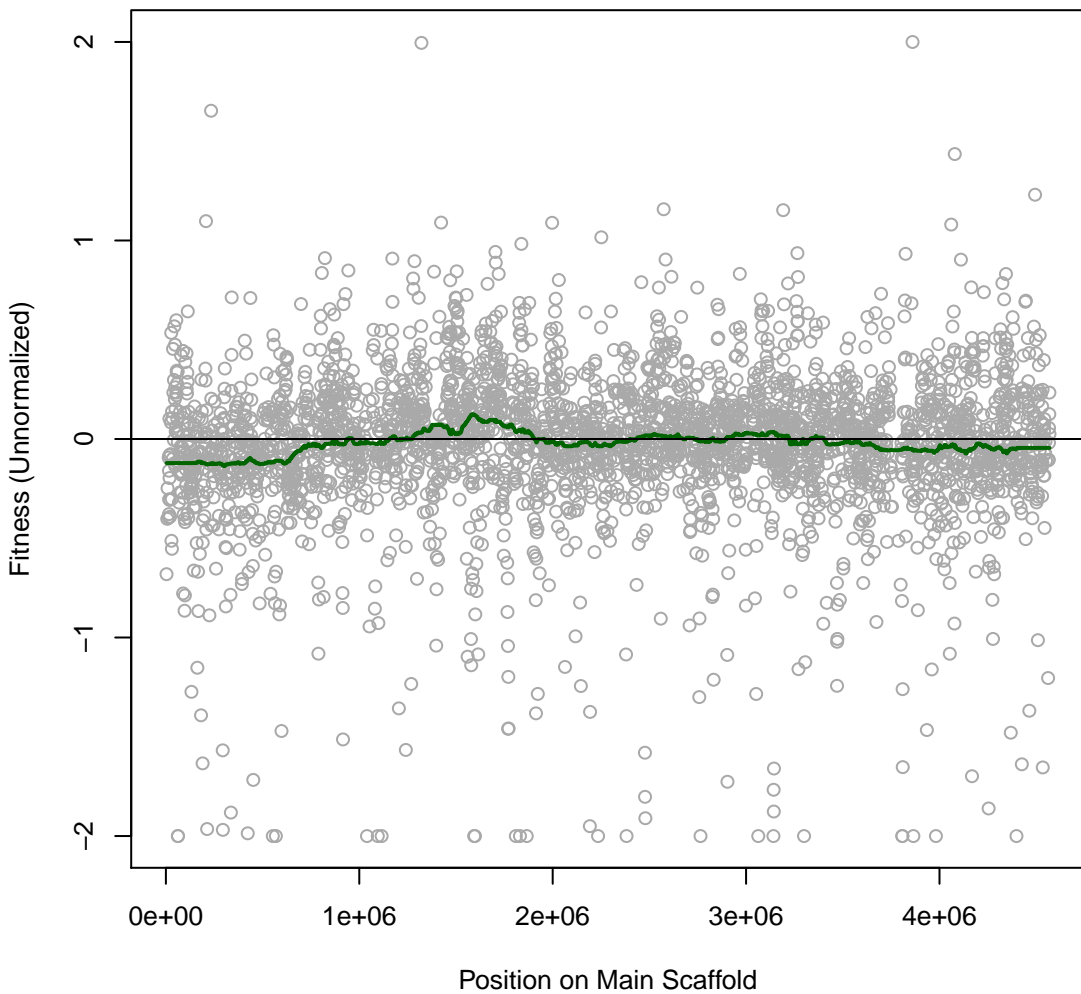
psRCH2 4H23 #79 (gMed=205 rho12=0.255)
Time0



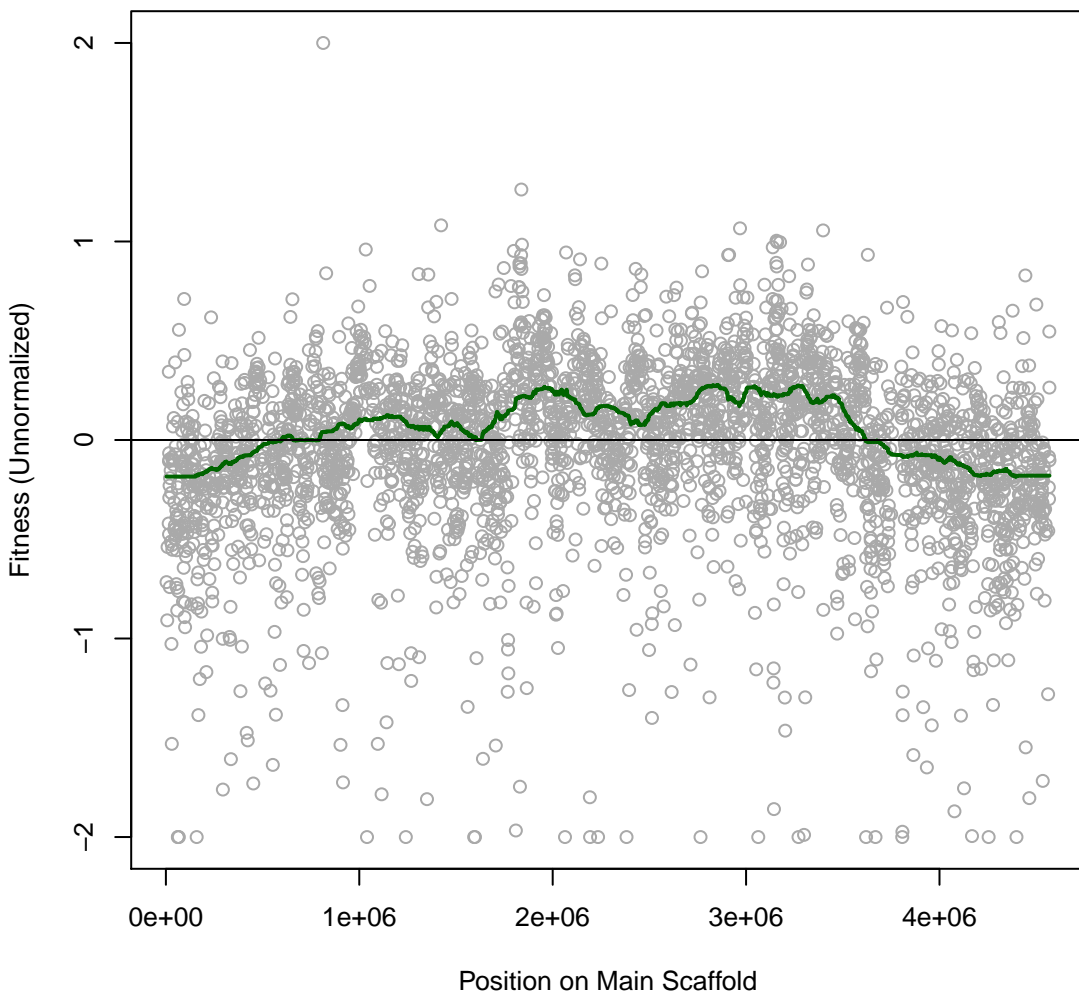
psRCH2 4H24 #80 (gMed=204 rho12=0.255)
Time0



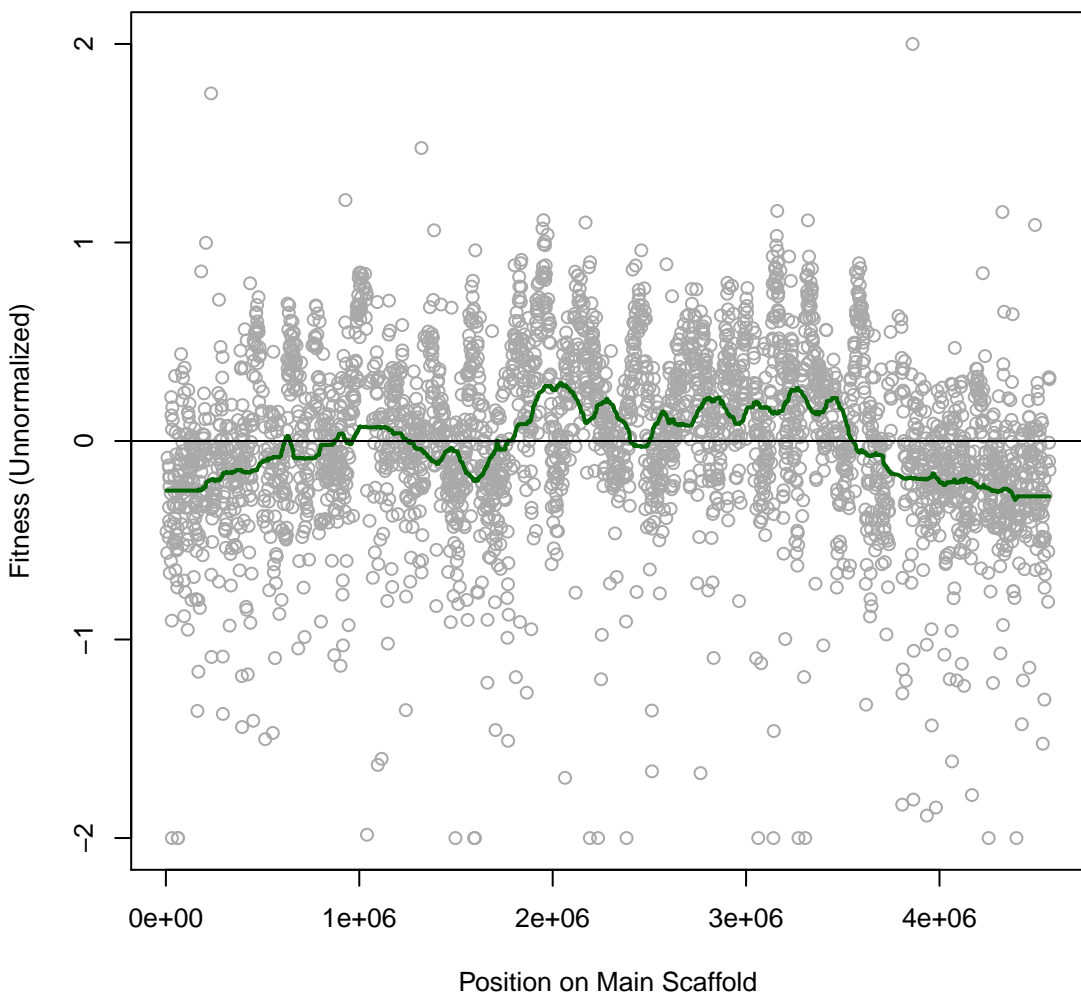
psRCH2 4H34 #81 (gMed=228 rho12=0.378)
LB



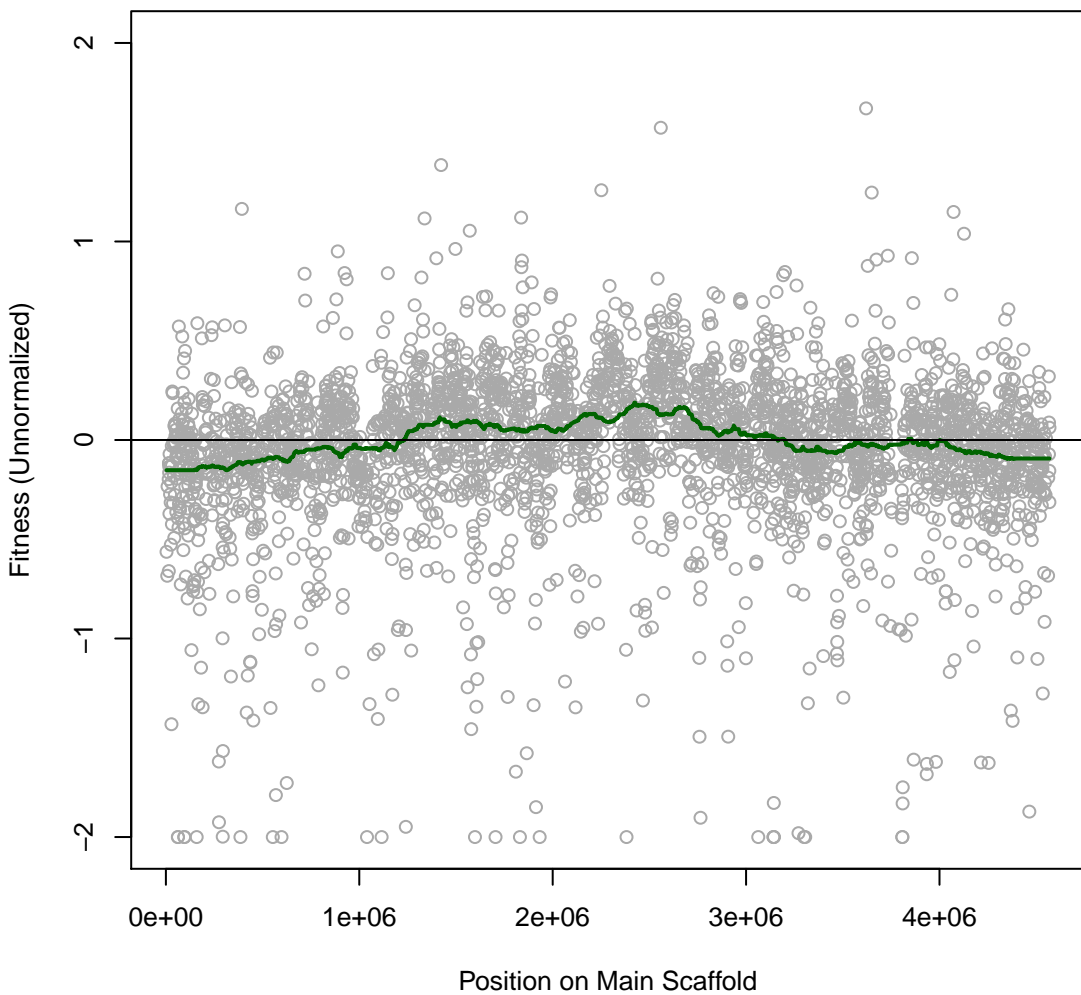
psRCH2 4H37 #82 (gMed=113 rho12=0.400)
LB



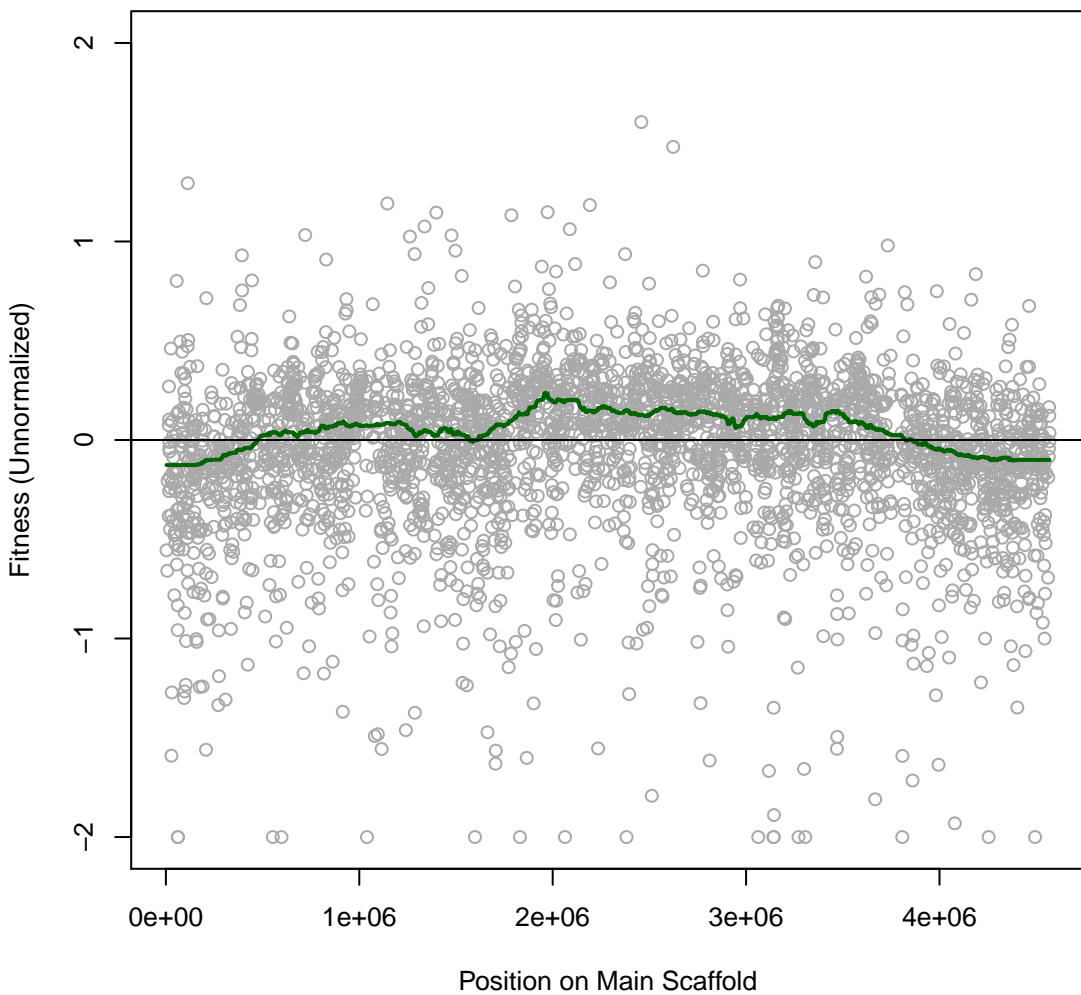
psRCH2 4H43 #83 (gMed=199 rho12=0.599)
LB



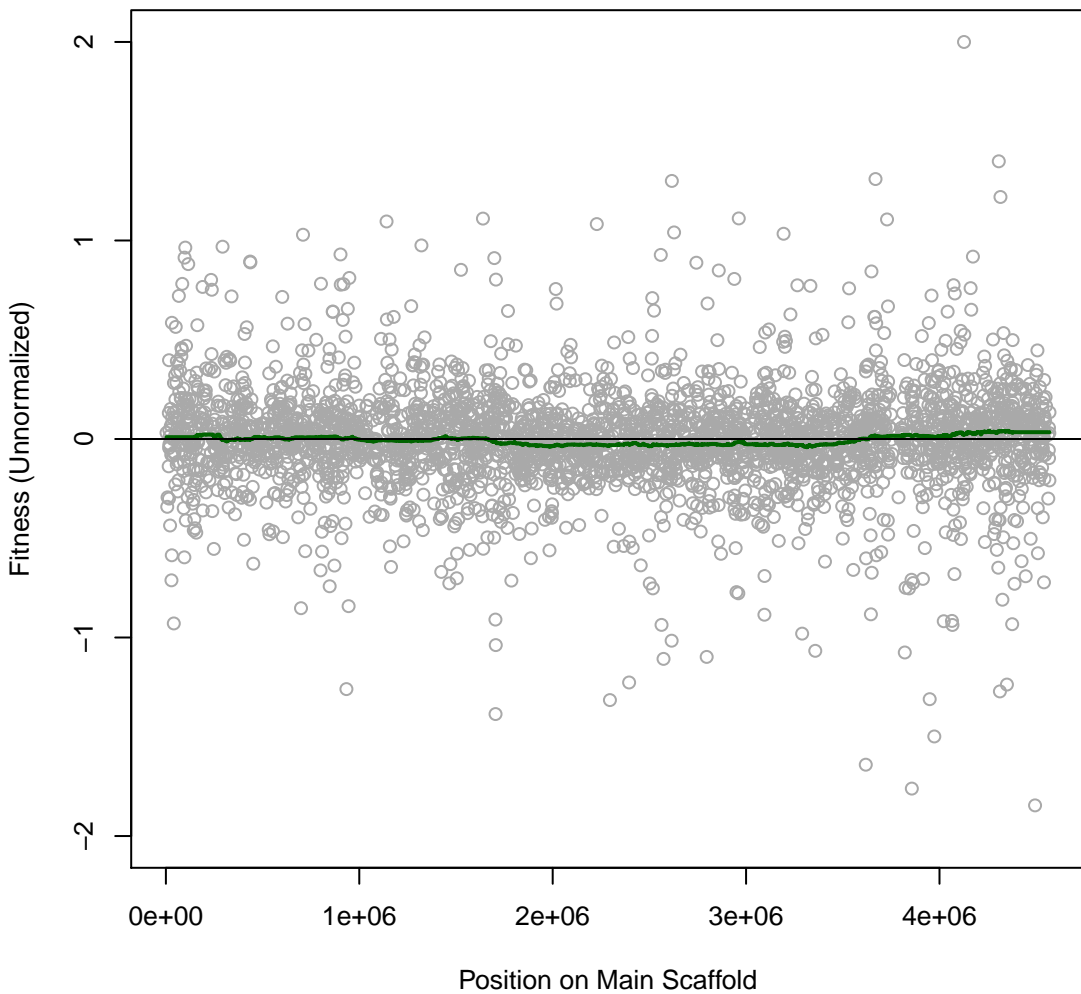
psRCH2 5H5 #84 (gMed=184 rho12=0.338)
LB



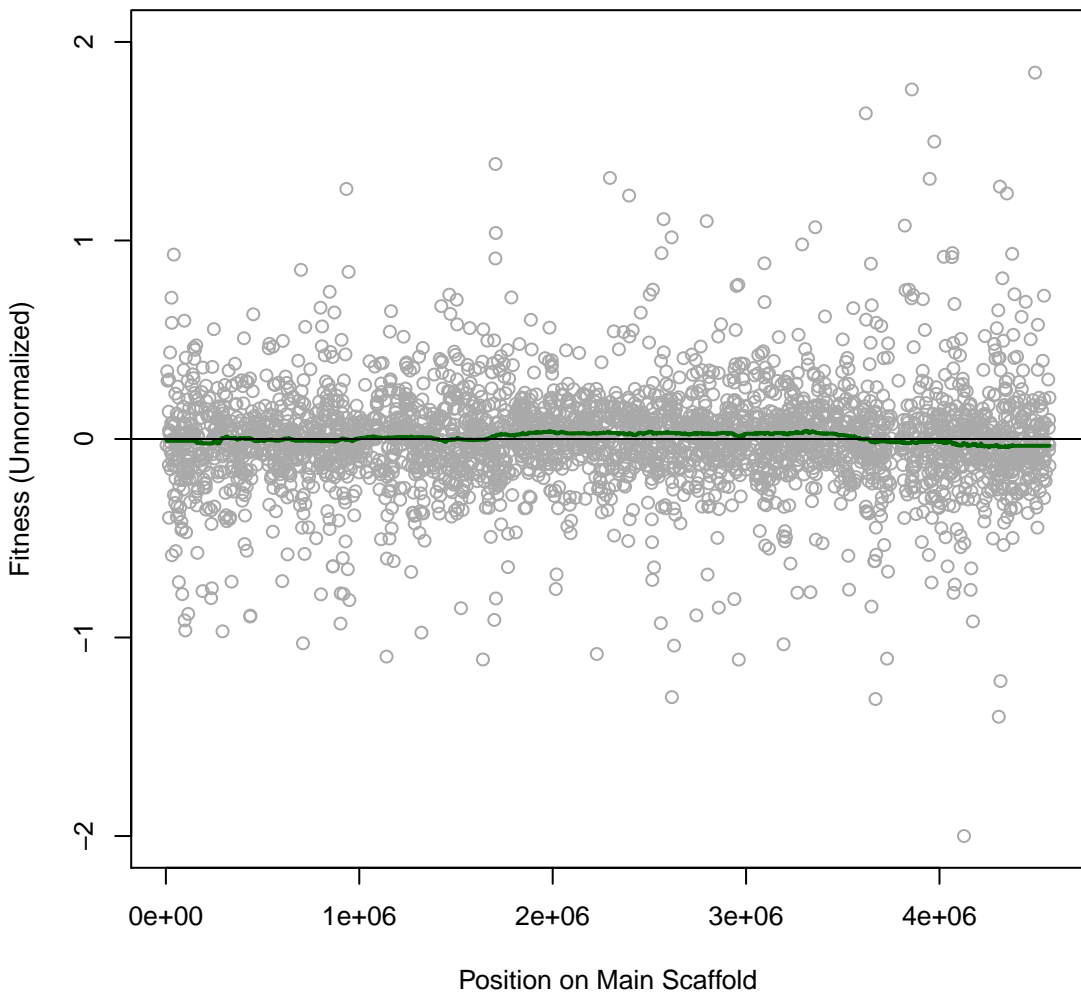
psRCH2 5H14 #85 (gMed=106 rho12=0.306)
LB



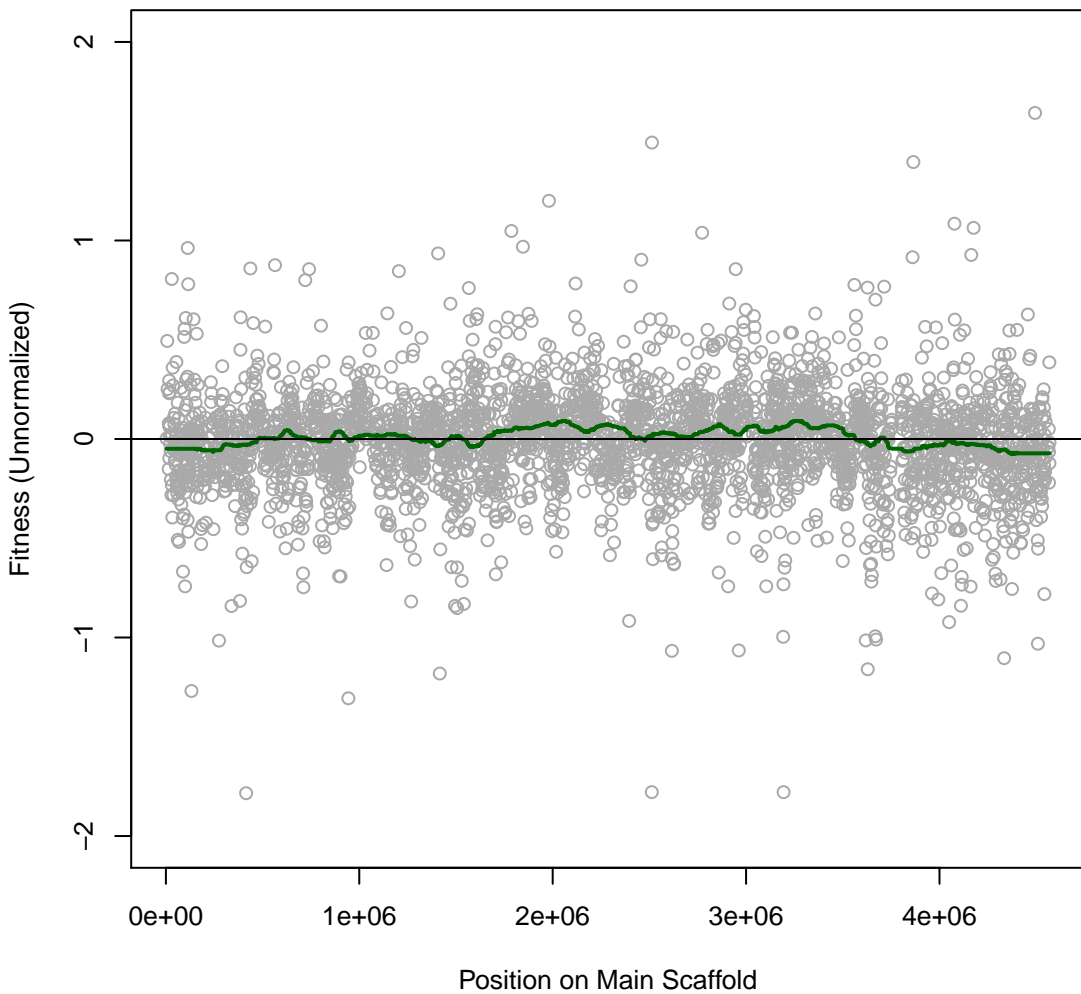
psRCH2 5H15 #86 (gMed=176 rho12=0.014)
Time0



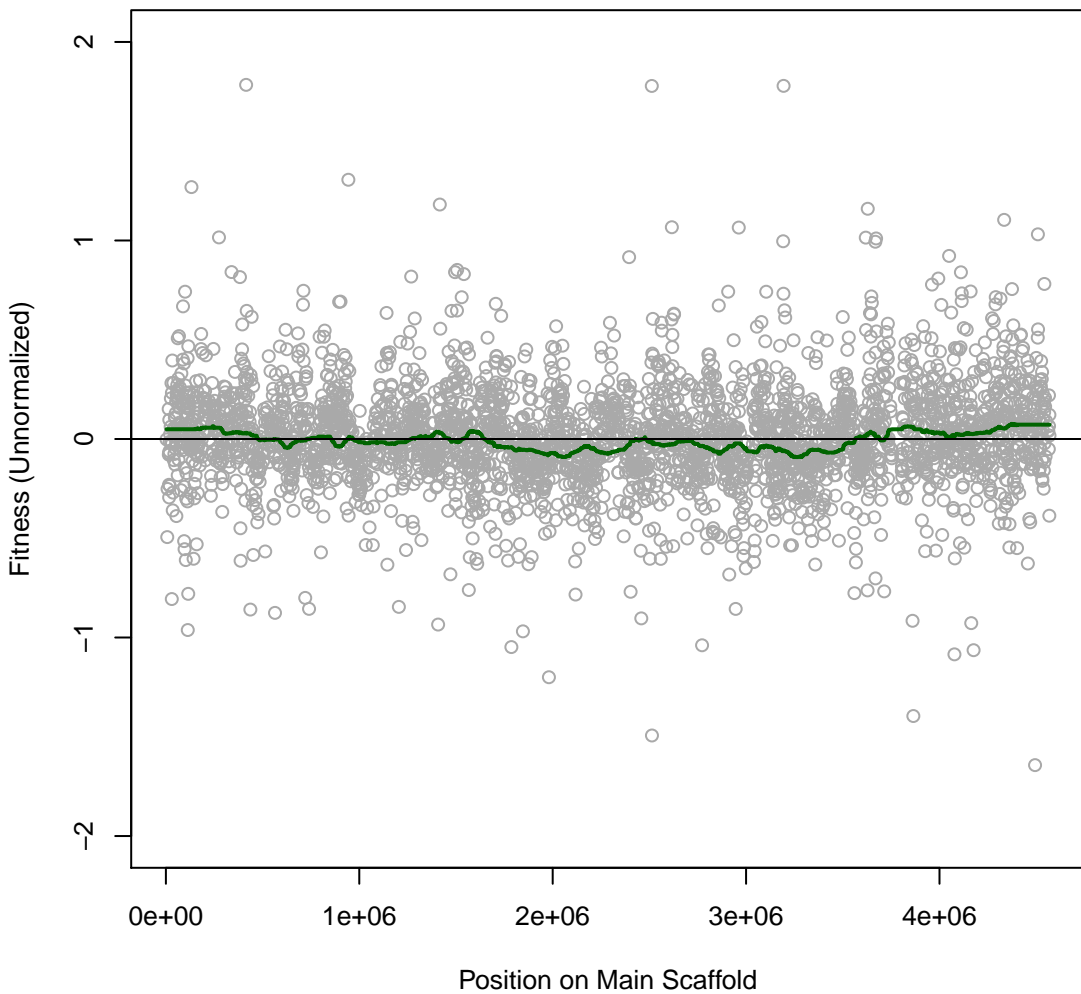
psRCH2 5H16 #87 (gMed=205 rho12=0.014)
Time0



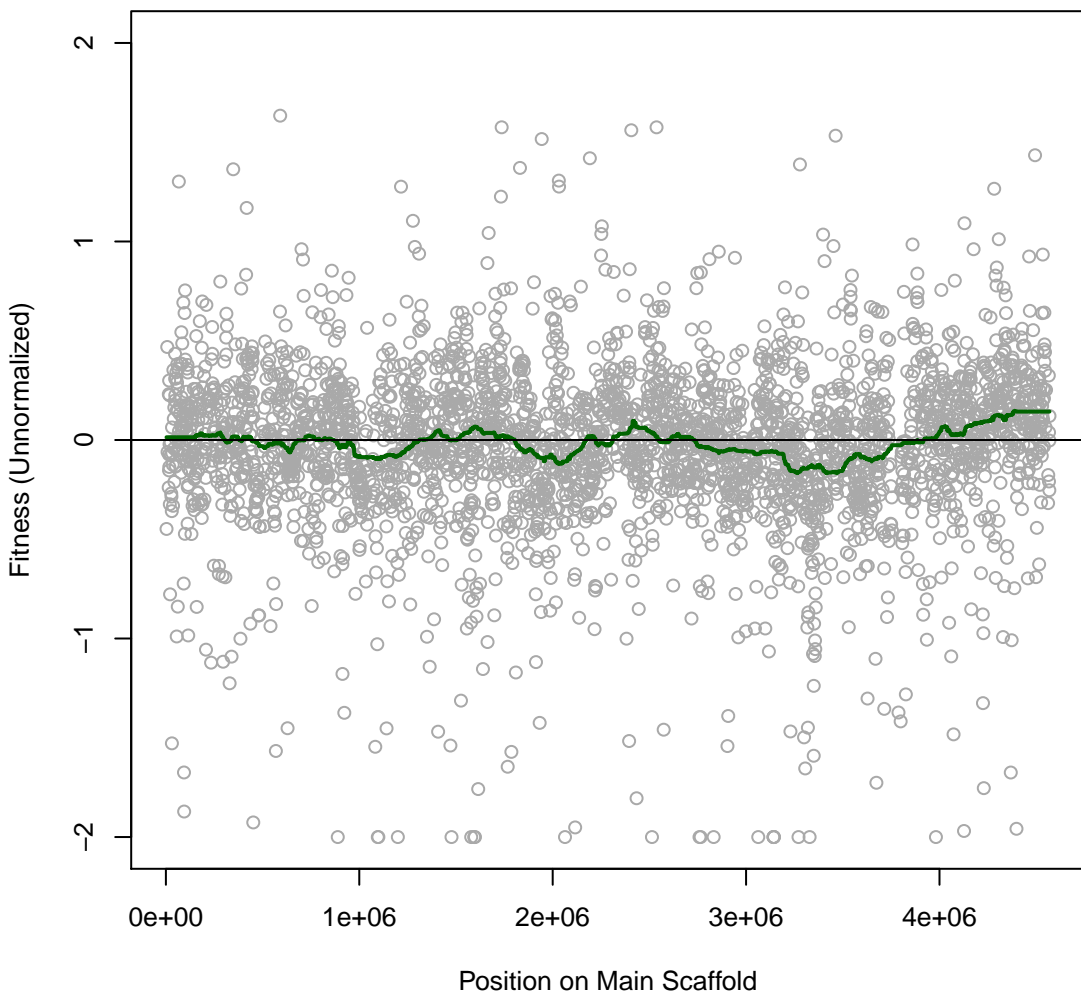
psRCH2 5H17 #88 (gMed=211 rho12=0.137)
Time0



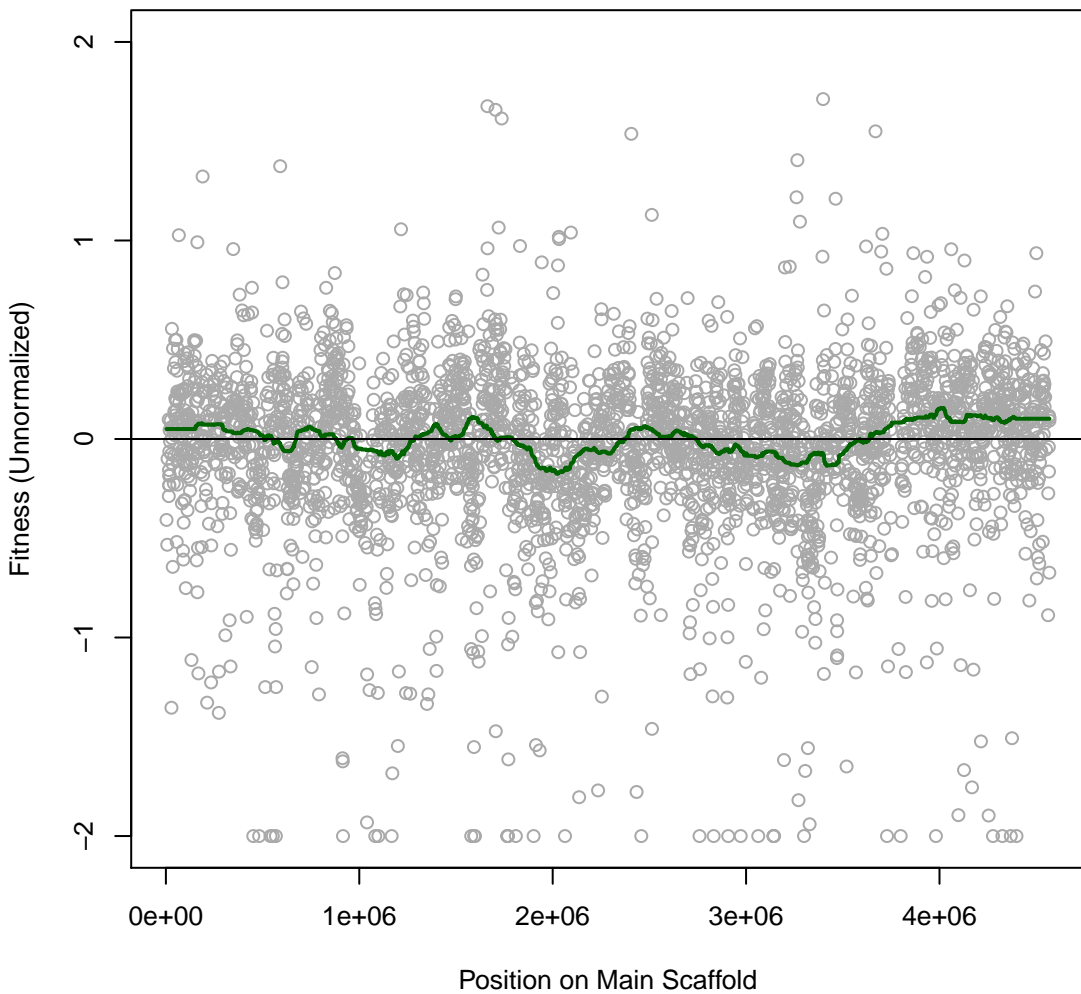
psRCH2 5H18 #89 (gMed=229 rho12=0.137)
Time0



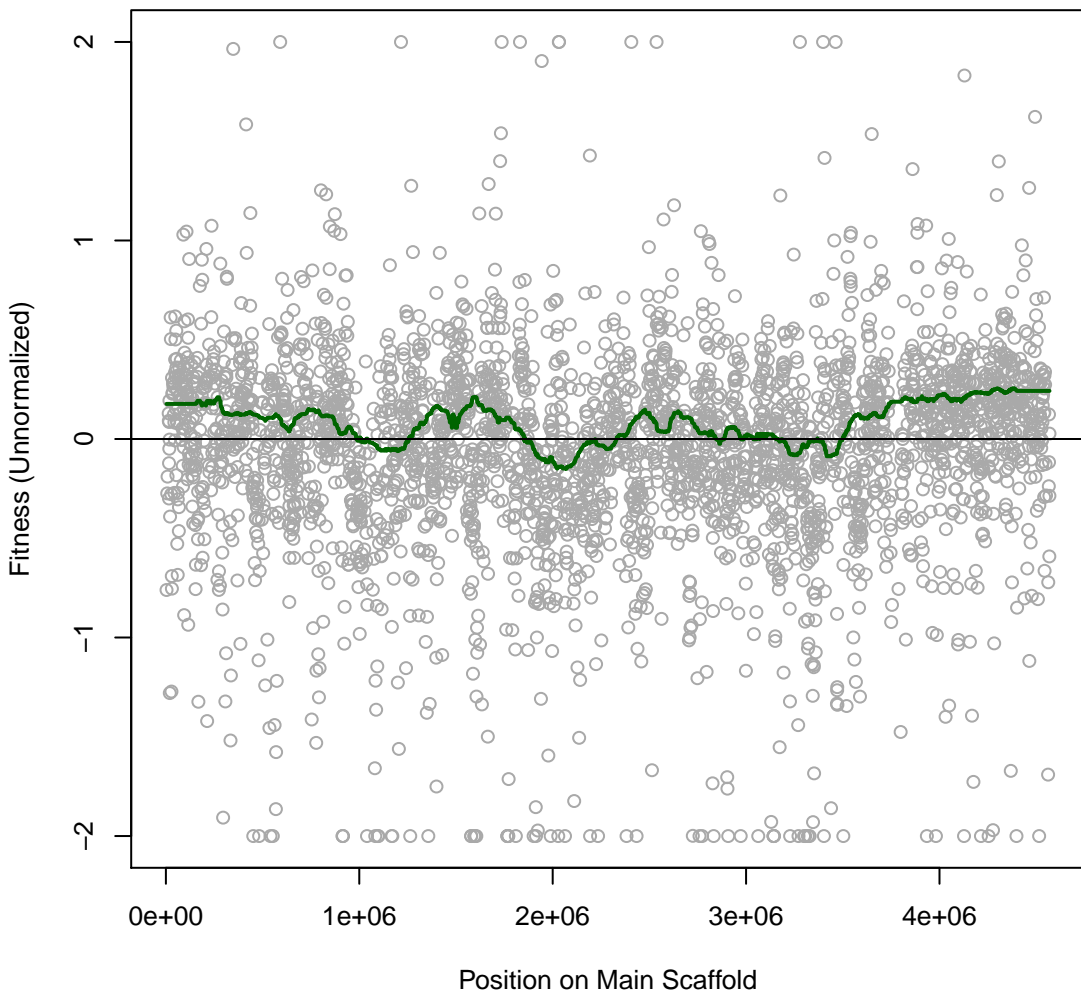
psRCH2 5H29 #90 (gMed=162 rho12=0.243)
LB 30C timecourse1 timepoint 1



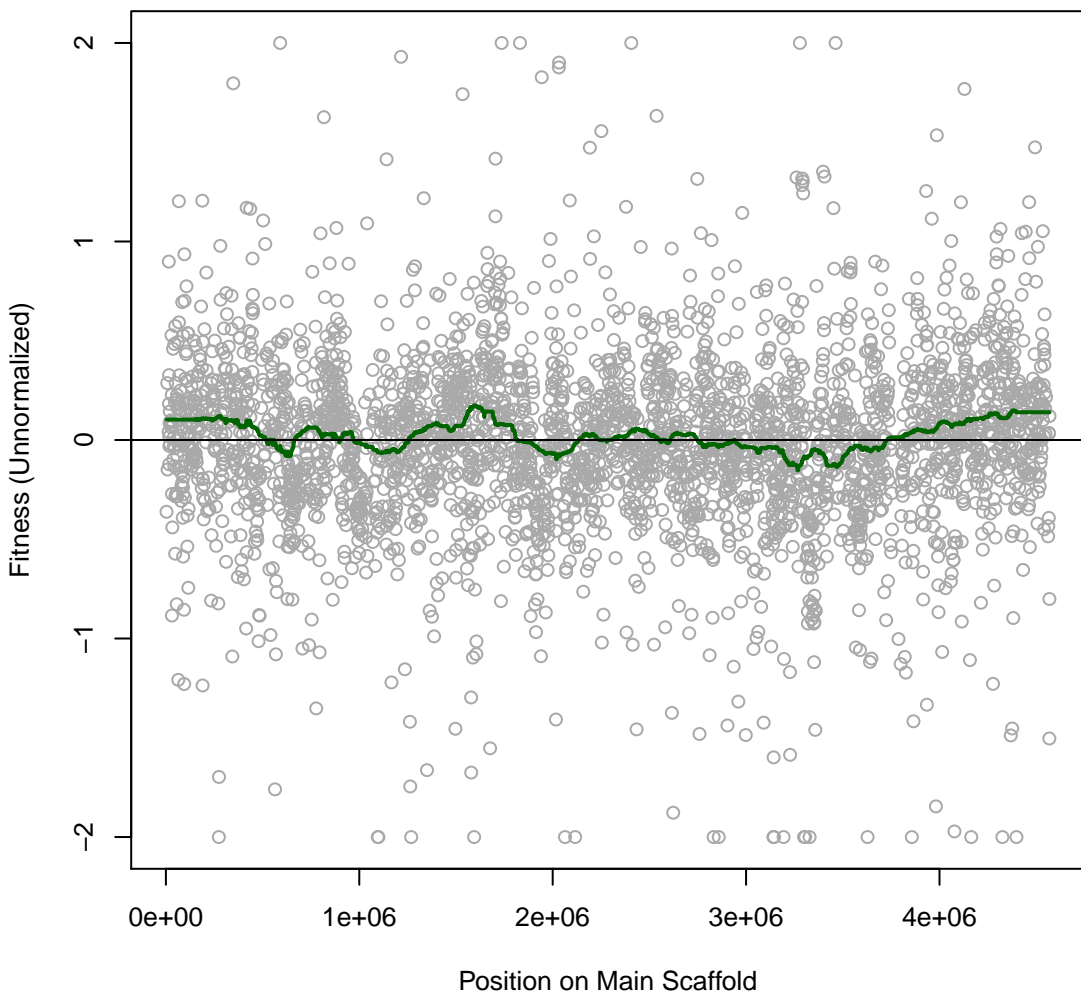
psRCH2 5H30 #91 (gMed=200 rho12=0.436)
LB 30C timecourse1 timepoint 2



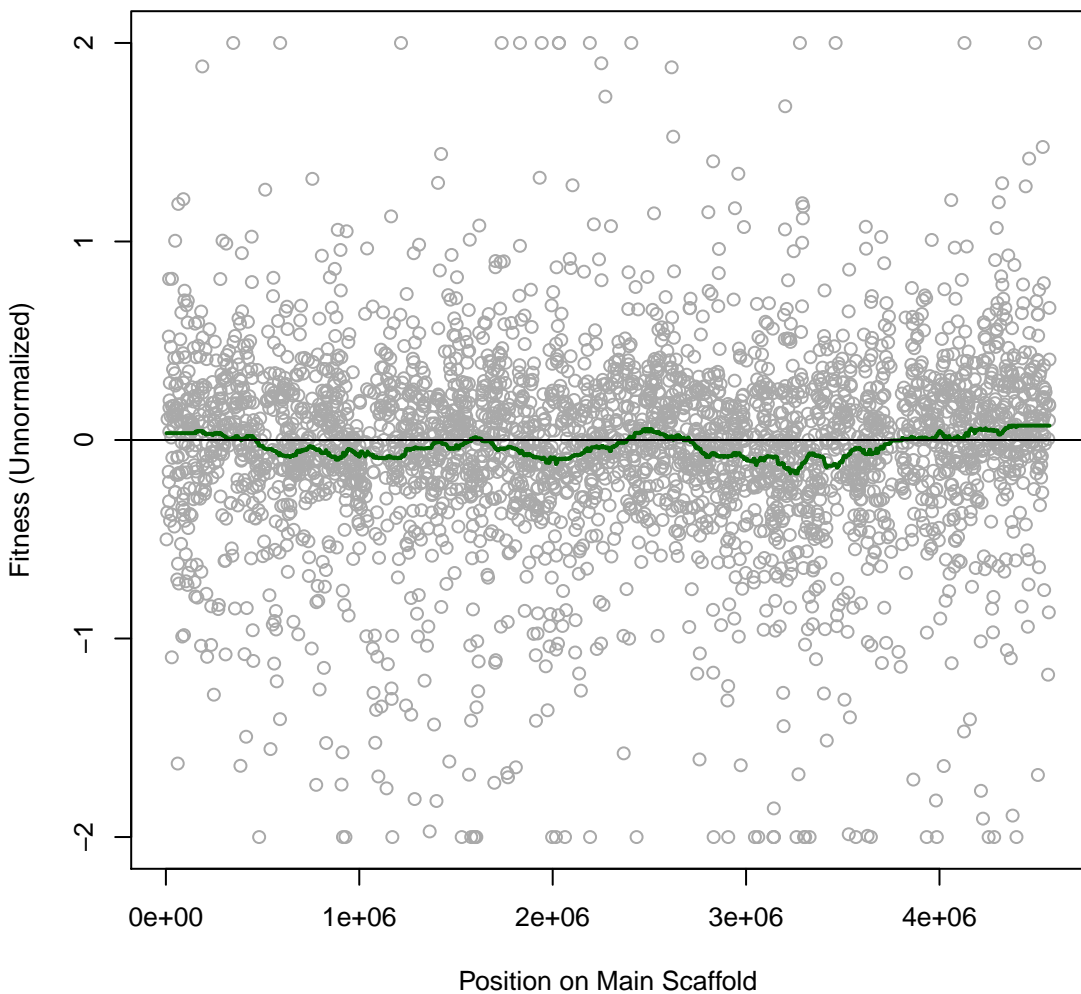
psRCH2 5H31 #92 (gMed=191 rho12=0.444)
LB 30C timecourse1 timepoint 3



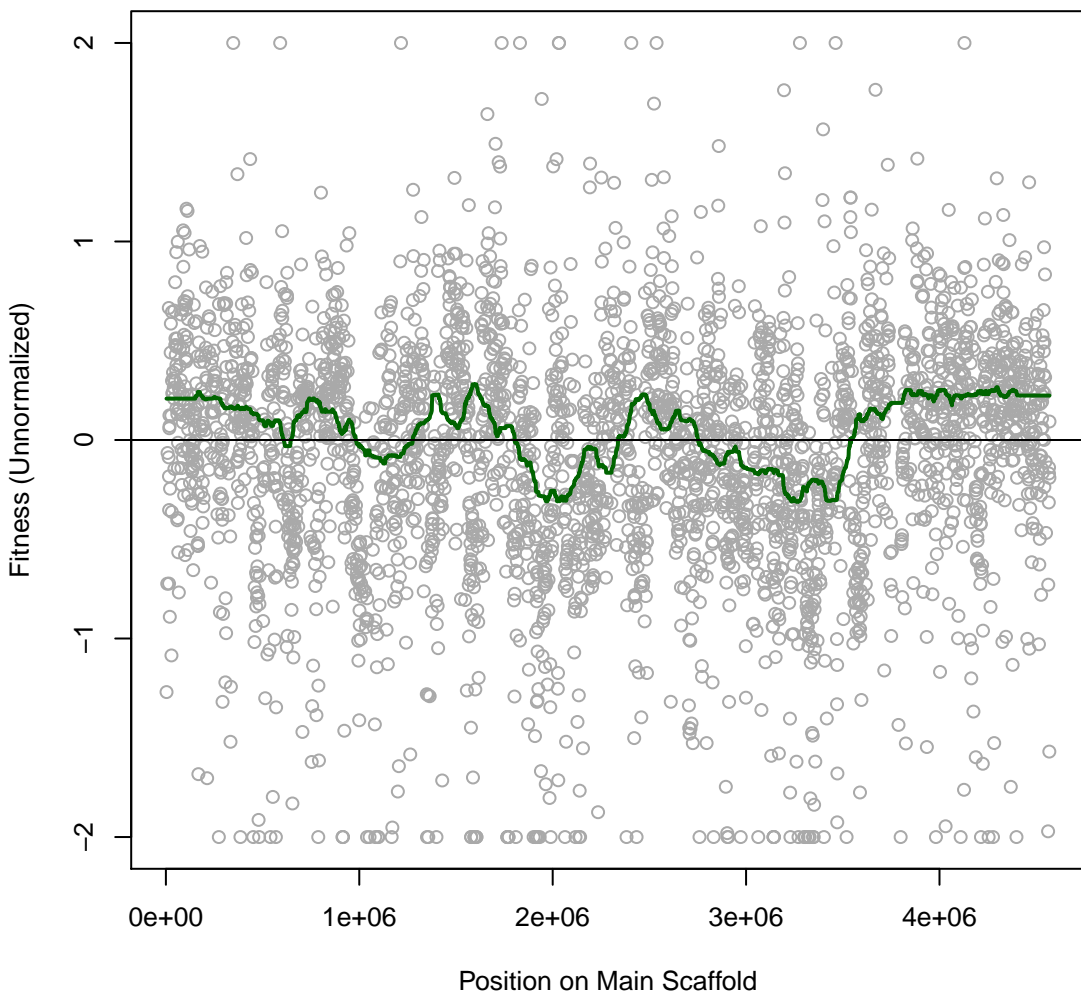
psRCH2 5H32 #93 (gMed=156 rho12=0.319)
LB 30C timecourse2 timepoint 1



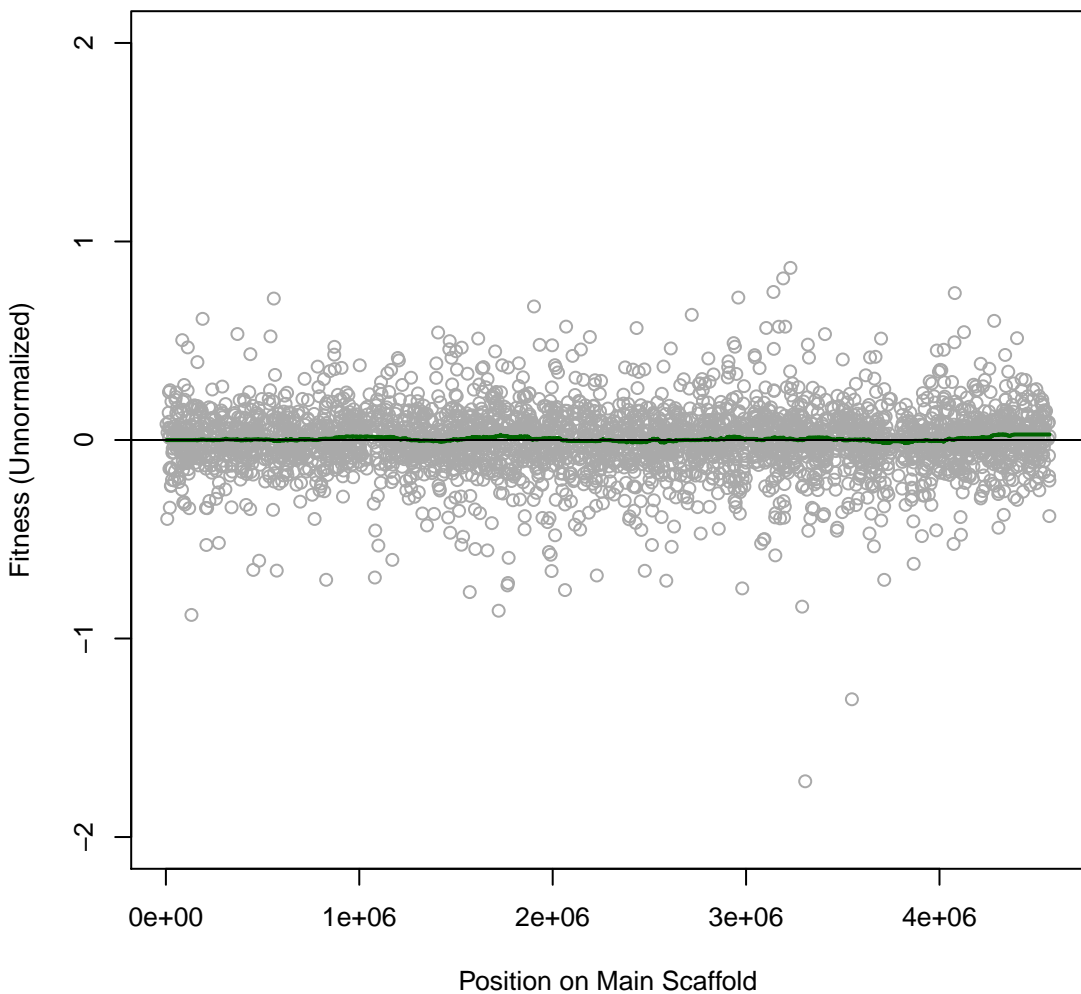
psRCH2 5H33 #94 (gMed=137 rho12=0.193)
LB 30C timecourse2 timepoint 2



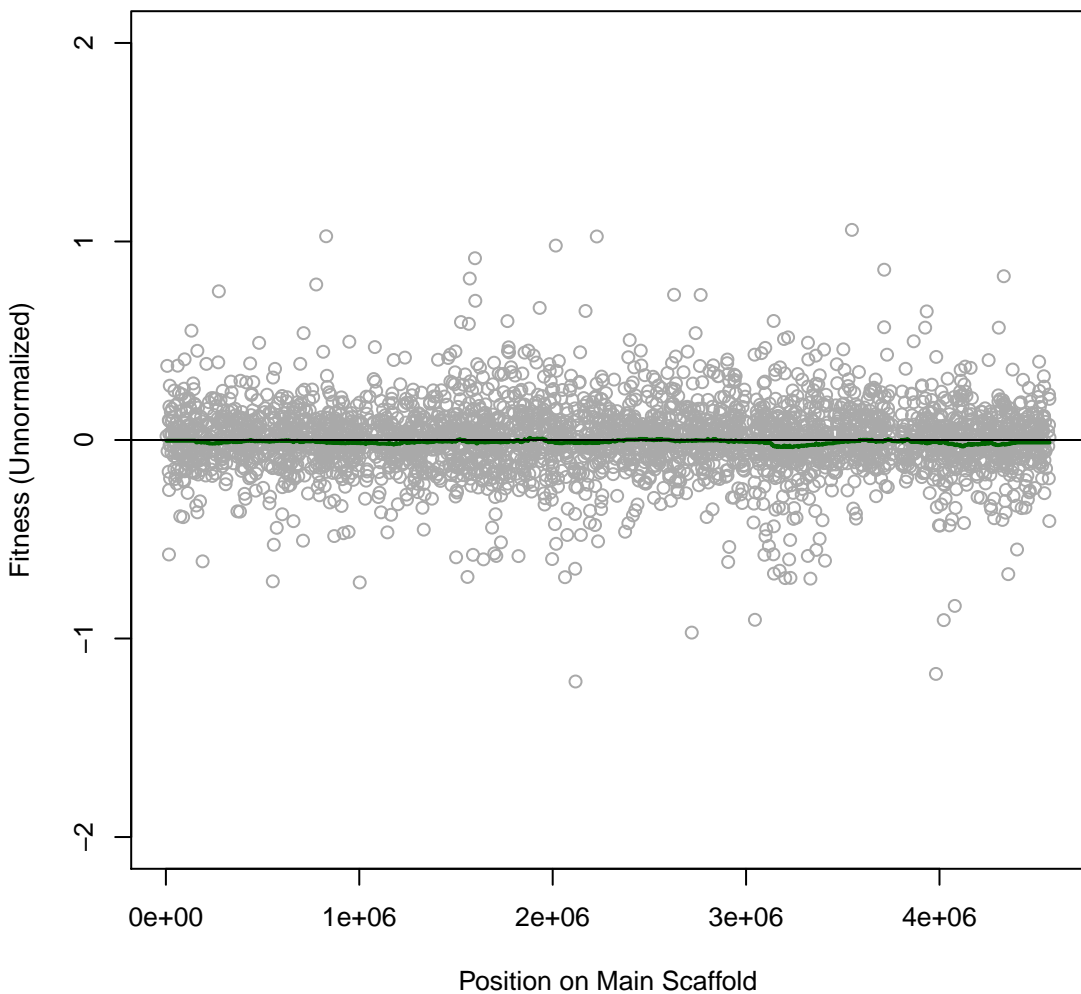
psRCH2 5H34 #95 (gMed=188 rho12=0.533)
LB 30C timecourse2 timepoint 3



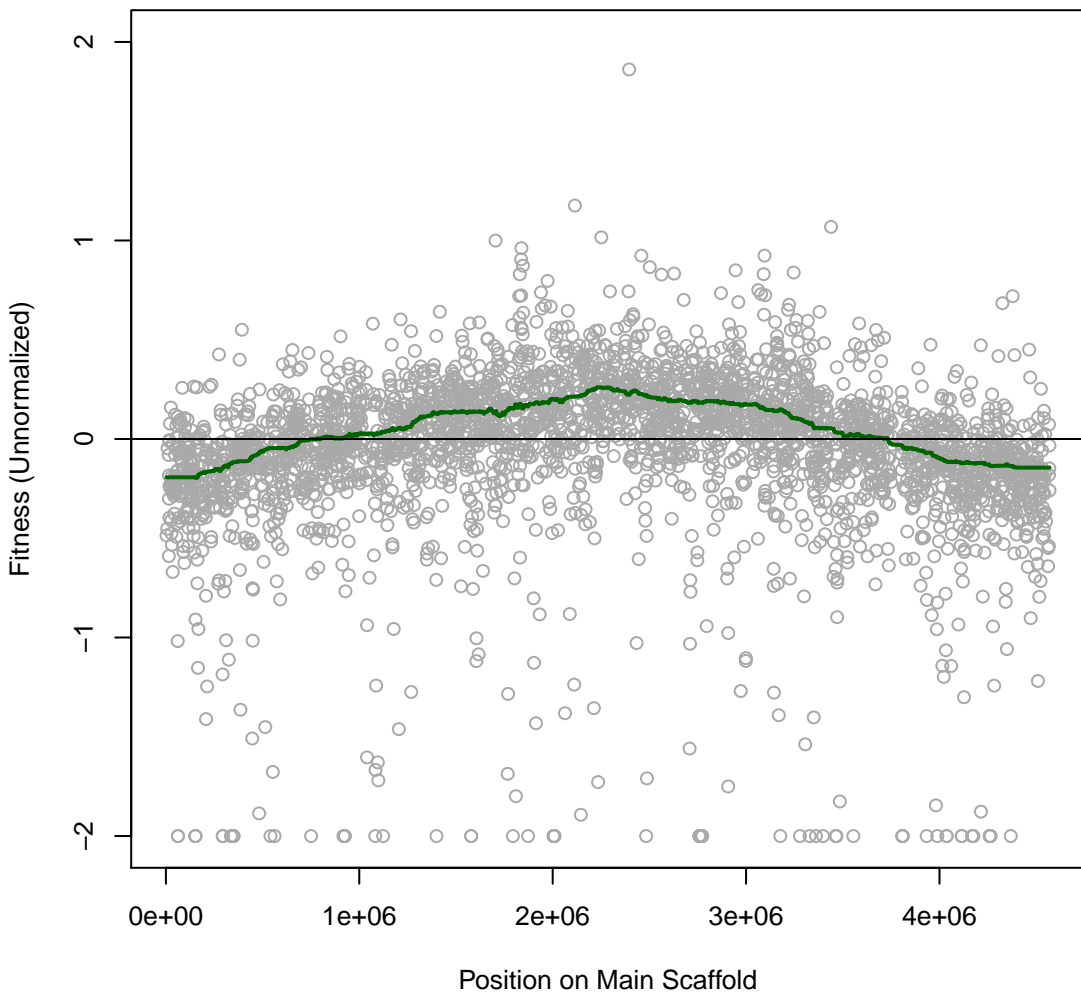
psRCH2 10H1 #96 (gMed=438 rho12=0.015)
Time0



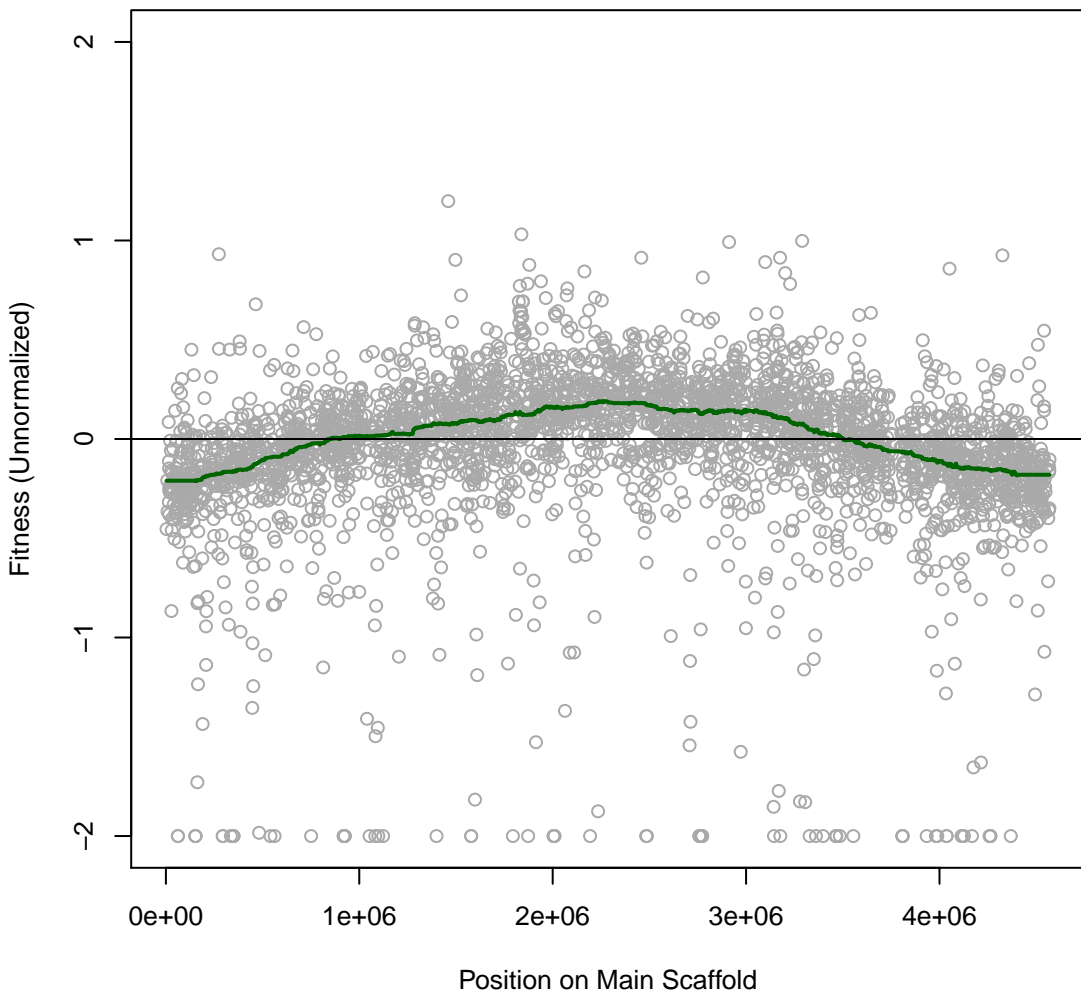
psRCH2 10H2 #97 (gMed=397 rho12=0.018)
Time0



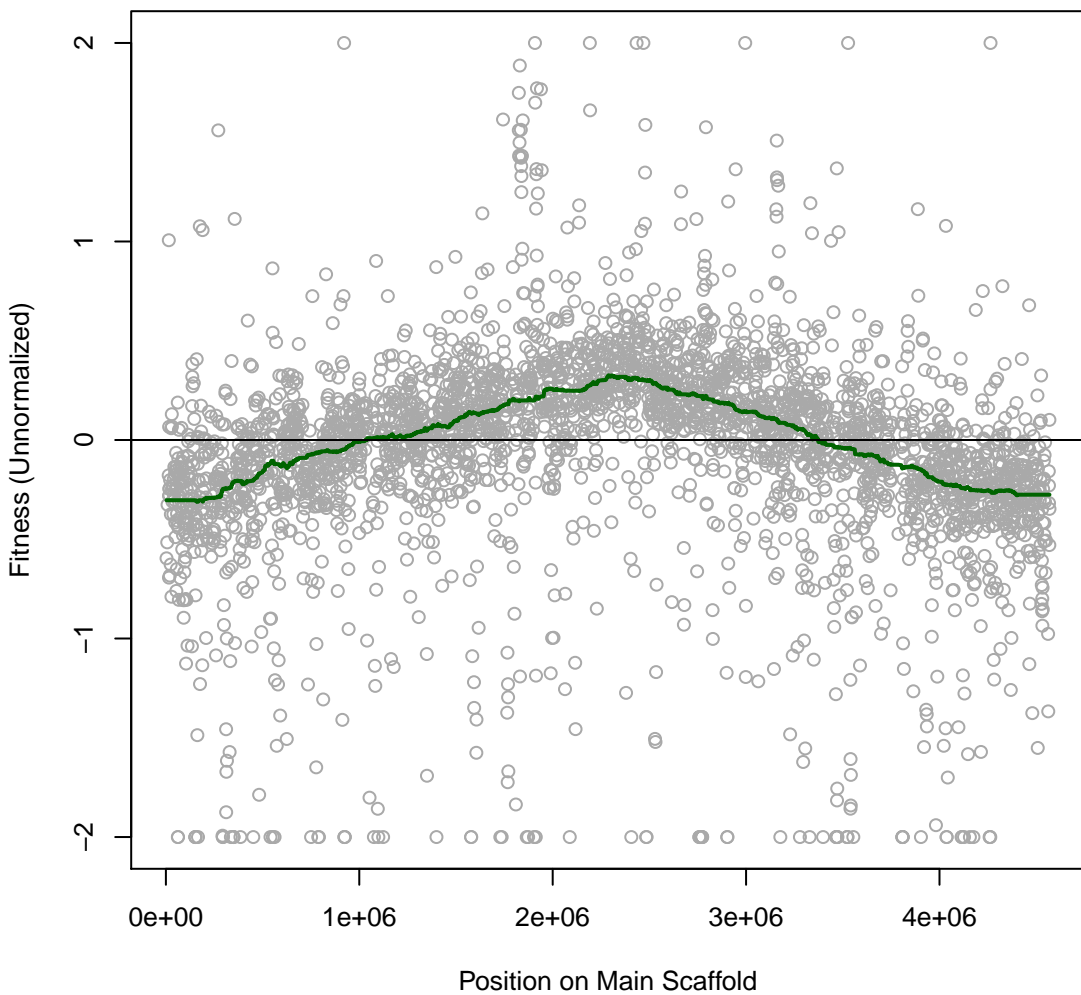
psRCH2 10H3 #98 (gMed=404 rho12=0.240)
D-Glucose (C)



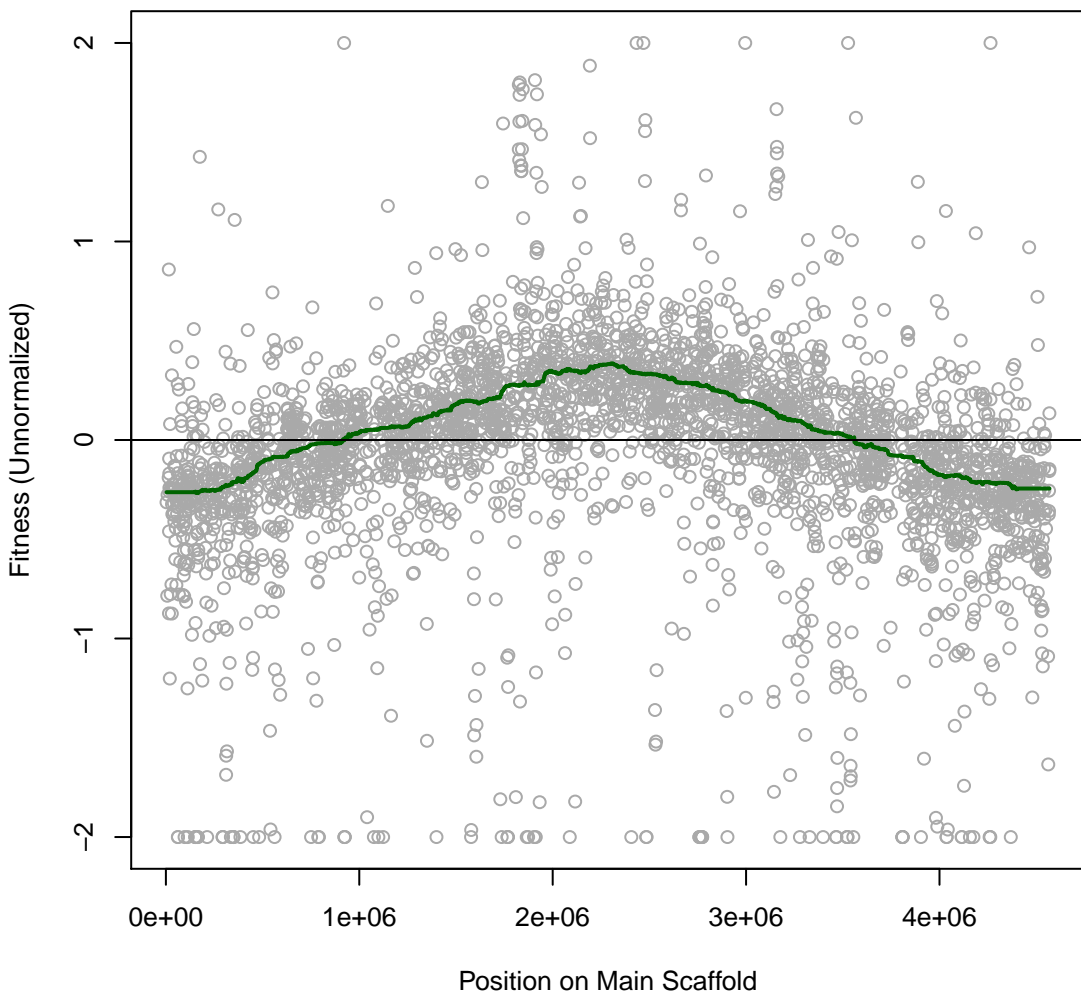
psRCH2 10H4 #99 (gMed=390 rho12=0.210)
D-Glucose (C)



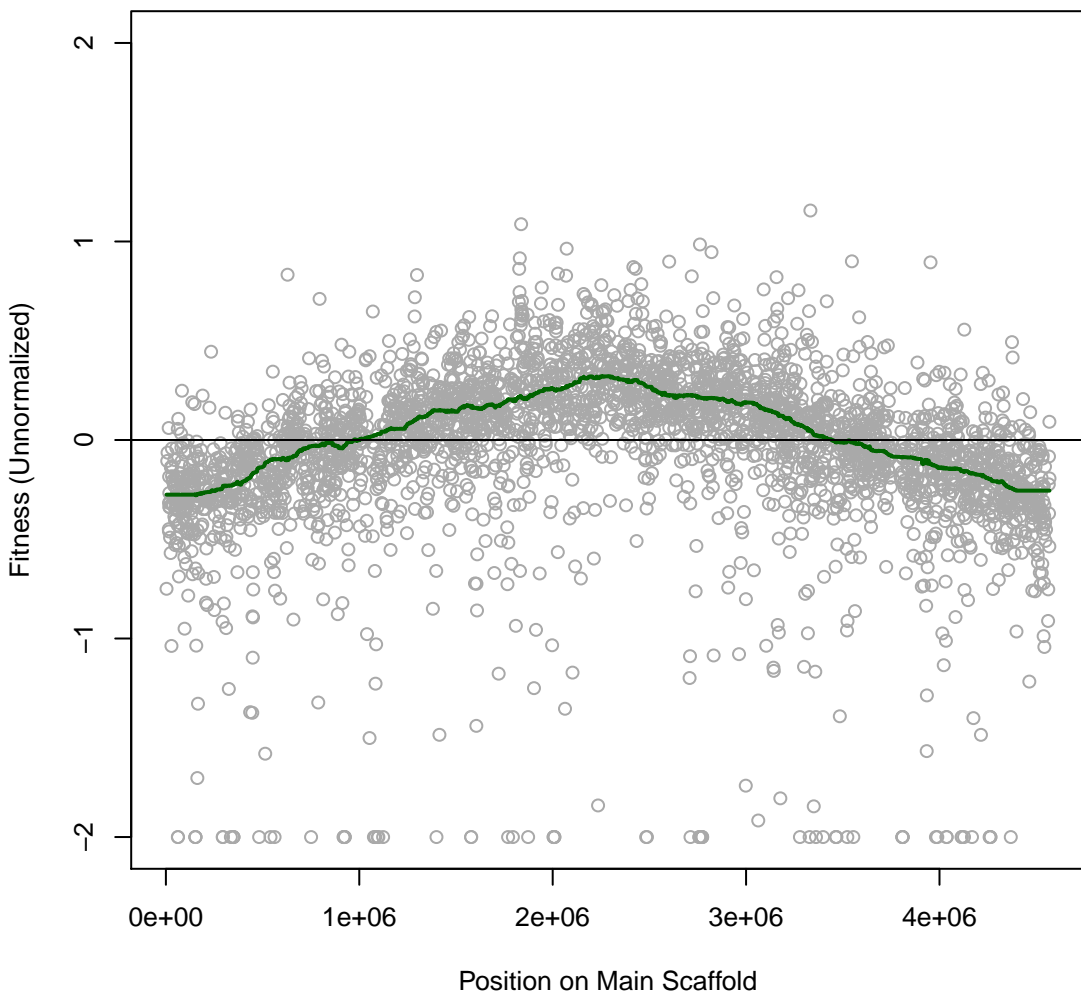
psRCH2 10H5 #100 (gMed=373 rho12=0.402)
D-Fructose (C)



psRCH2 10H6 #101 (gMed=352 rho12=0.427)
D-Fructose (C)

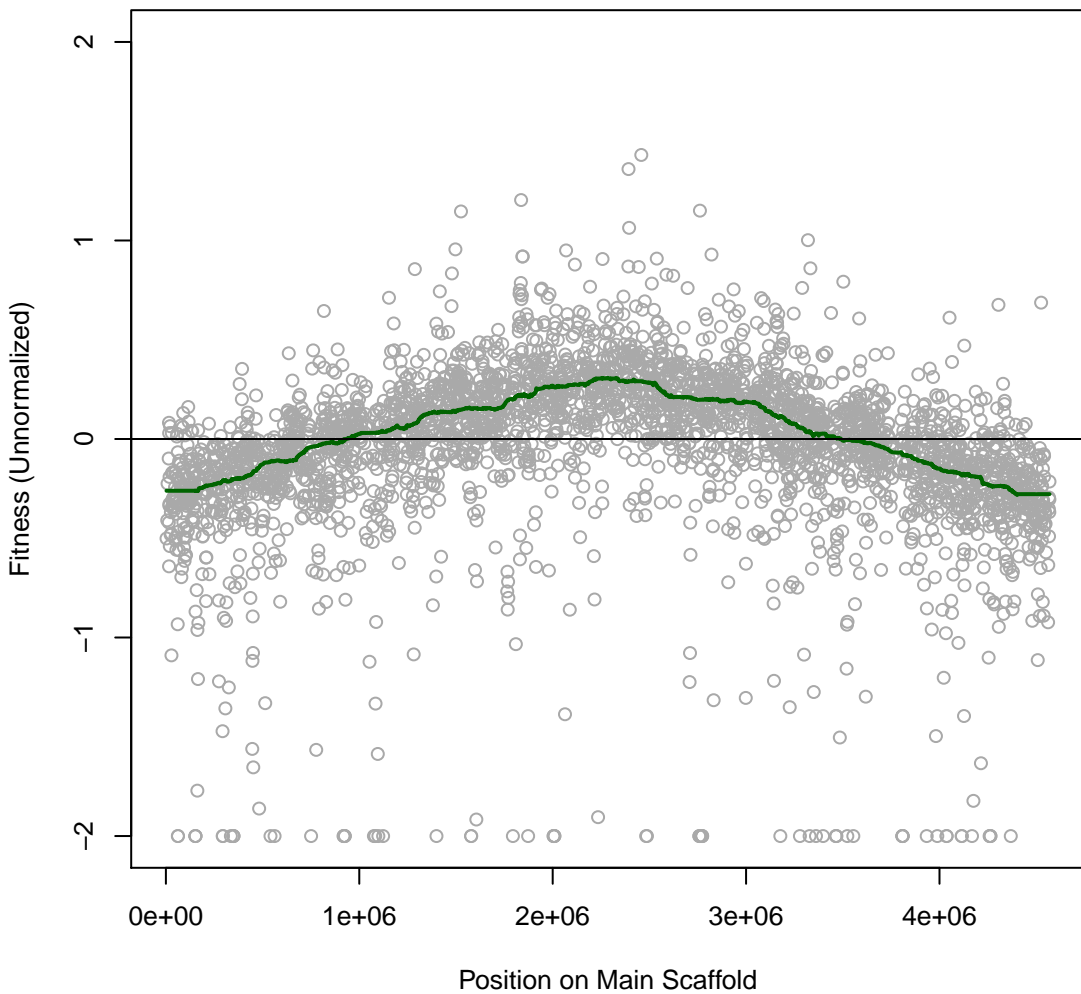


psRCH2 10H7 #102 (gMed=392 rho12=0.214)
Sucrose (C)

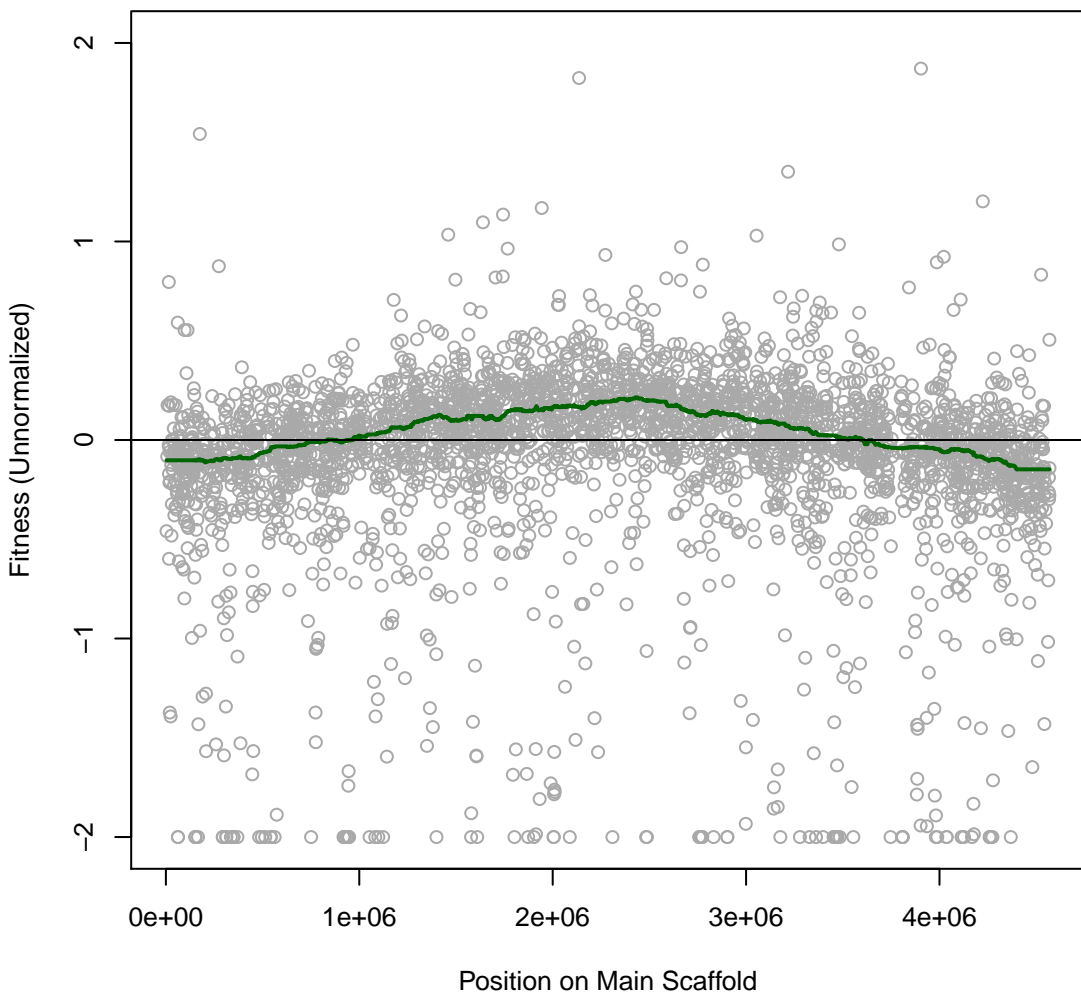


psRCH2 10H8 #103 (gMed=412 rho12=0.207)

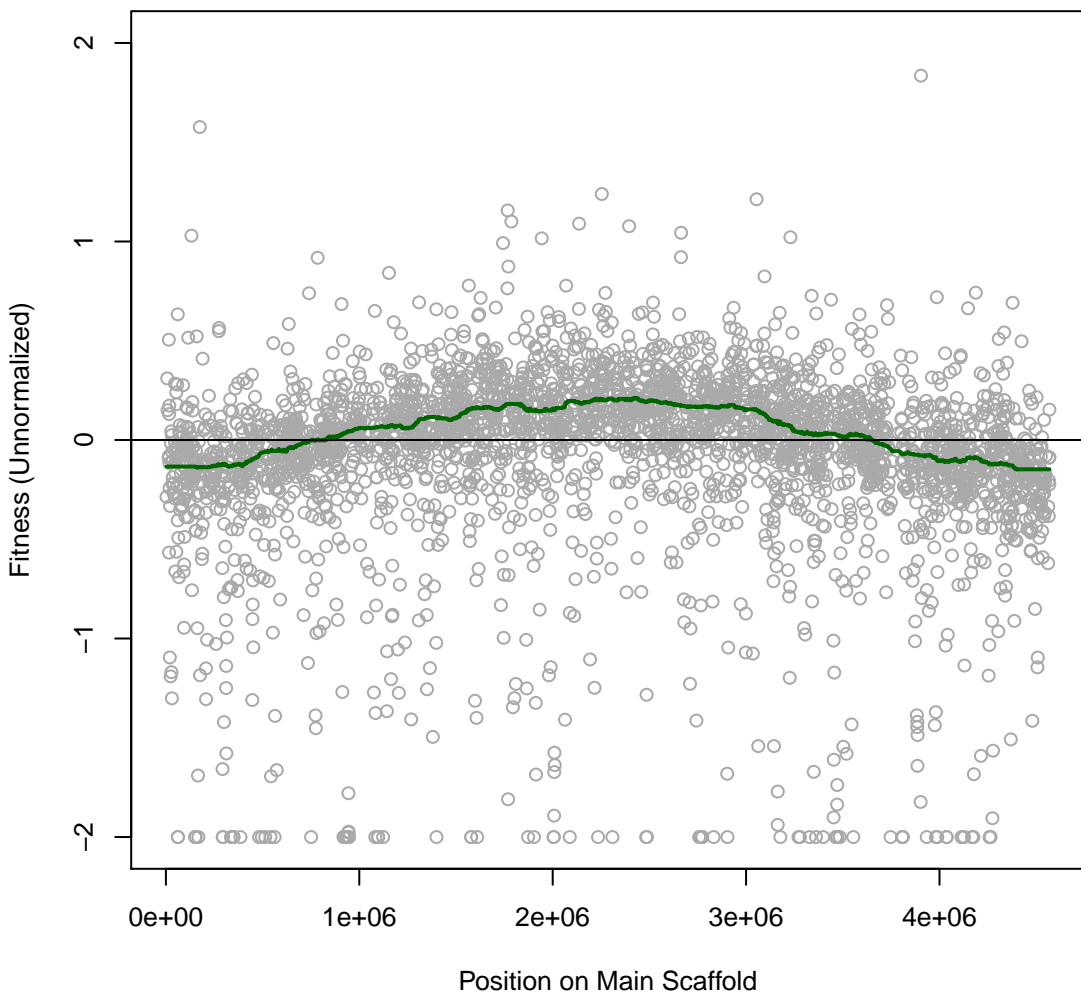
Sucrose (C)



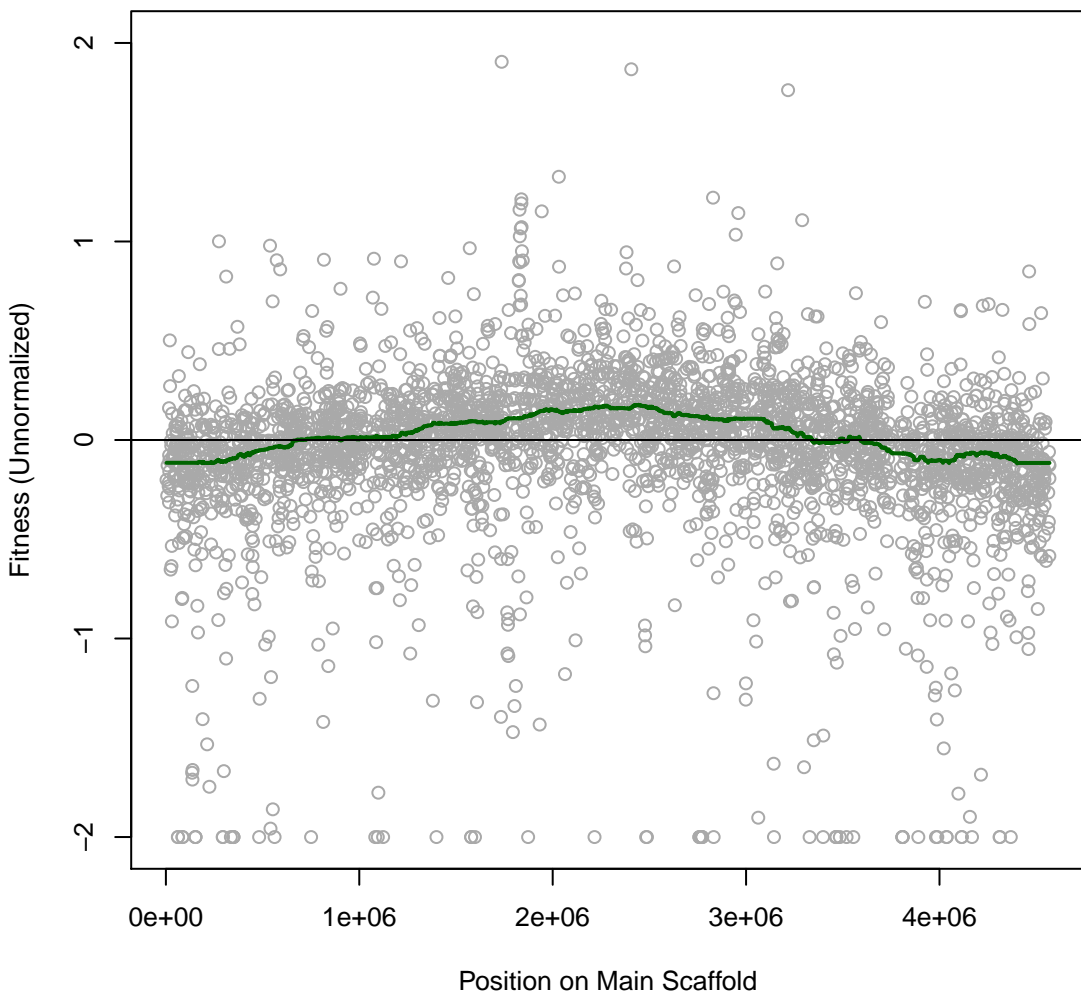
psRCH2 10H9 #104 (gMed=291 rho12=0.321)
D-Maltose (C)



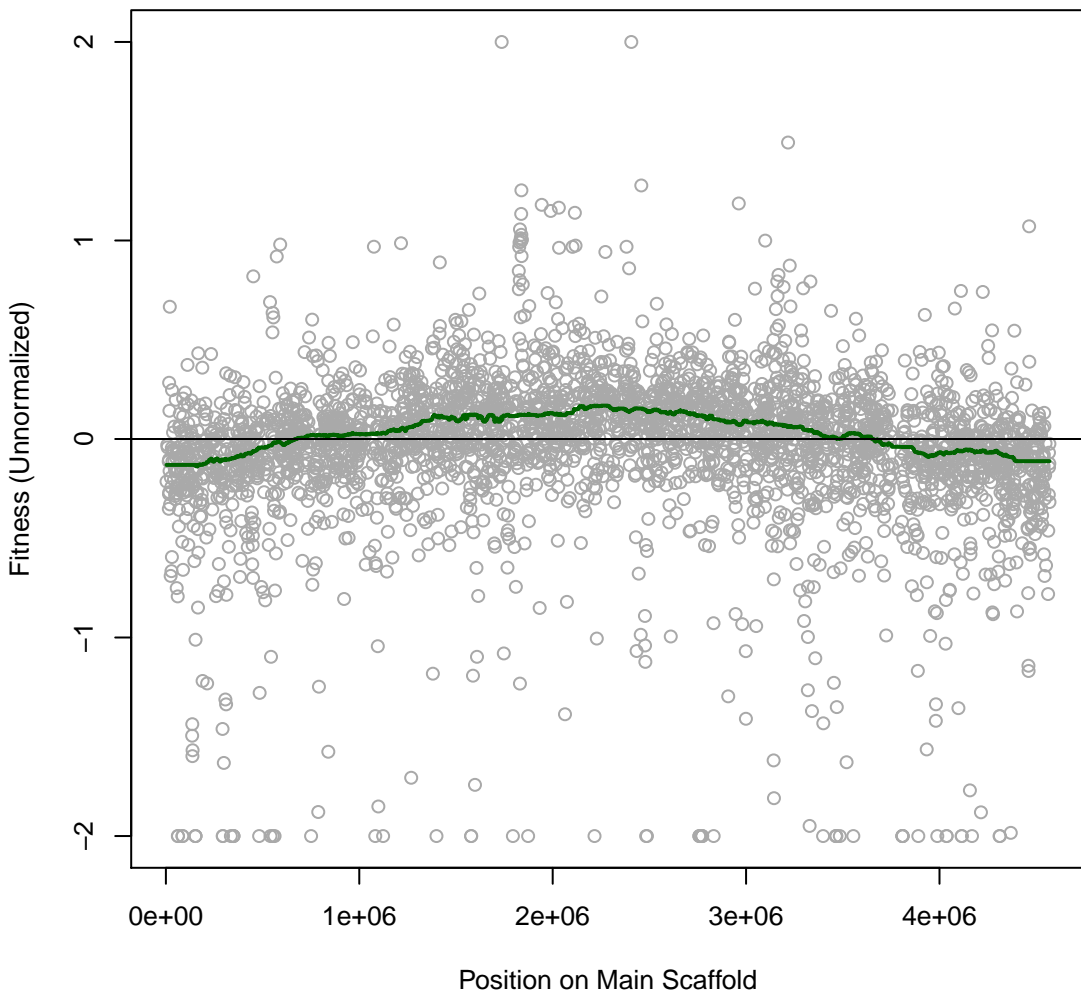
psRCH2 10H10 #105 (gMed=398 rho12=0.304)
D-Maltose (C)



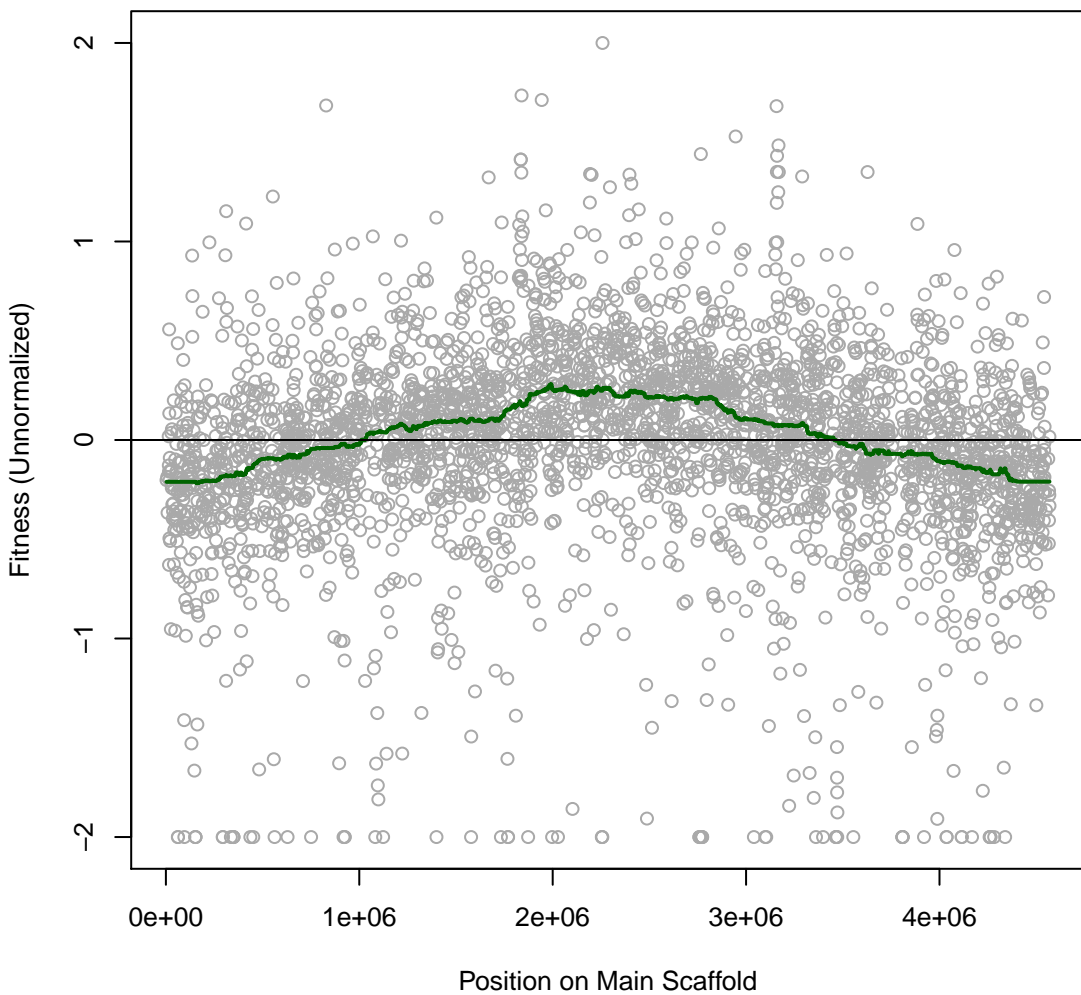
psRCH2 10H11 #106 (gMed=378 rho12=0.296)
 α -Ketoglutaric (C)



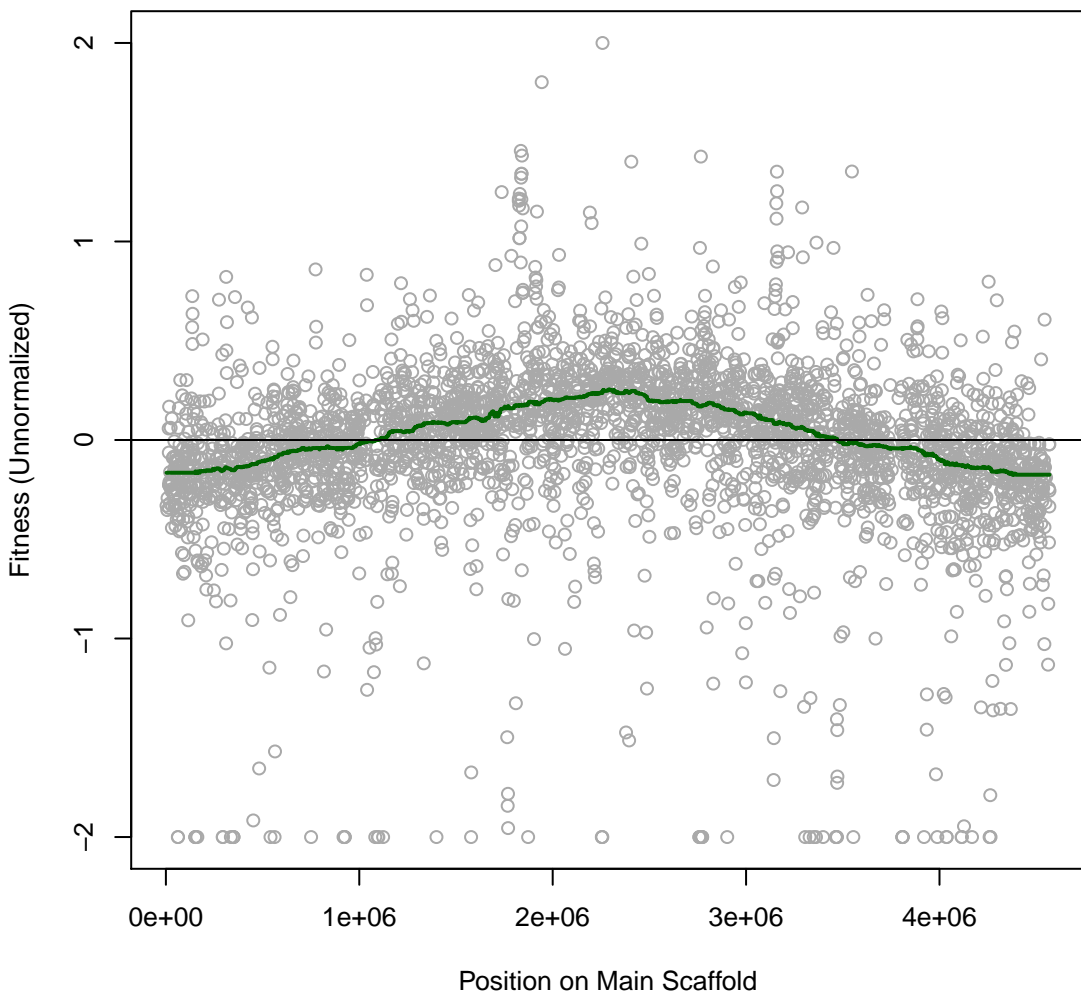
psRCH2 10H12 #107 (gMed=423 rho12=0.289)
 α -Ketoglutaric (C)



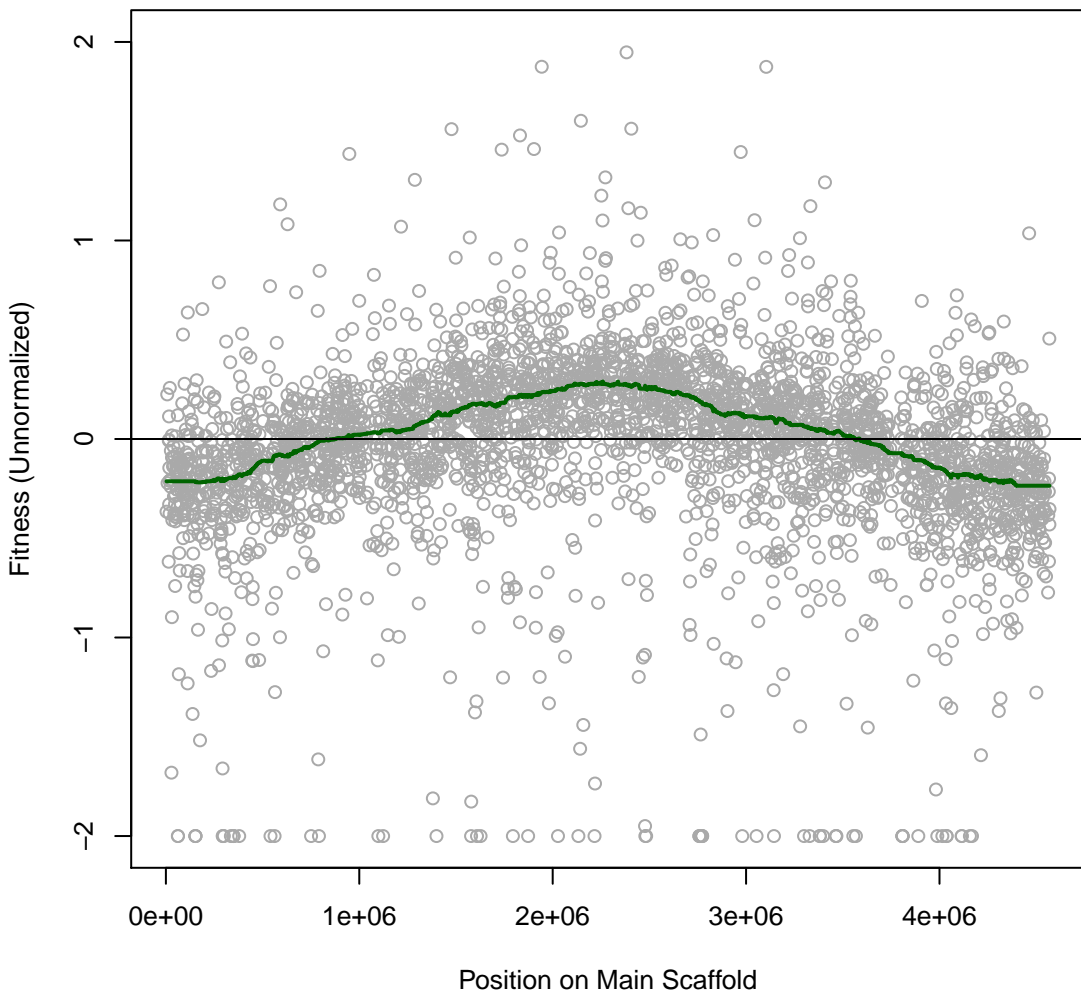
psRCH2 10H13 #108 (gMed=280 rho12=0.176)
D-Gluconic Acid (C)



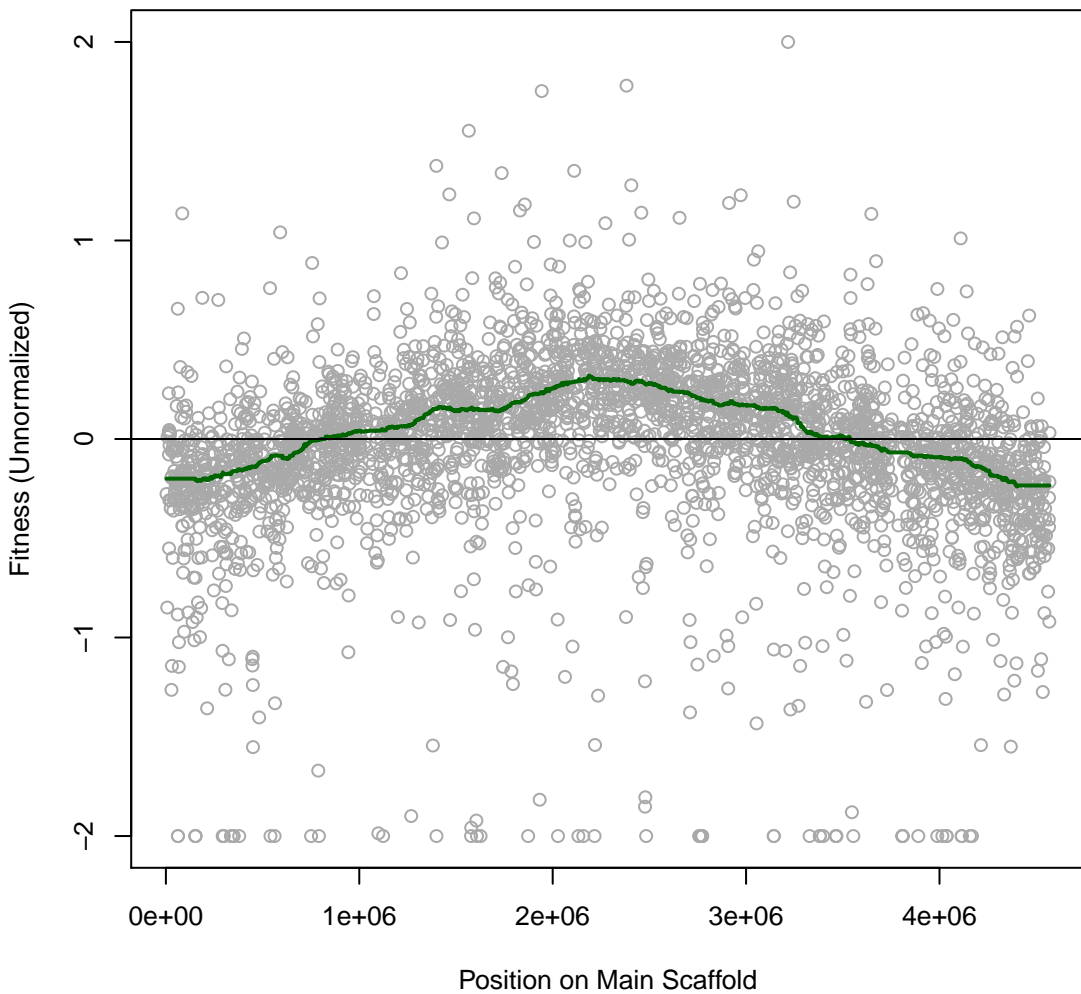
psRCH2 10H14 #109 (gMed=249 rho12=0.290)
D-Gluconic Acid (C)



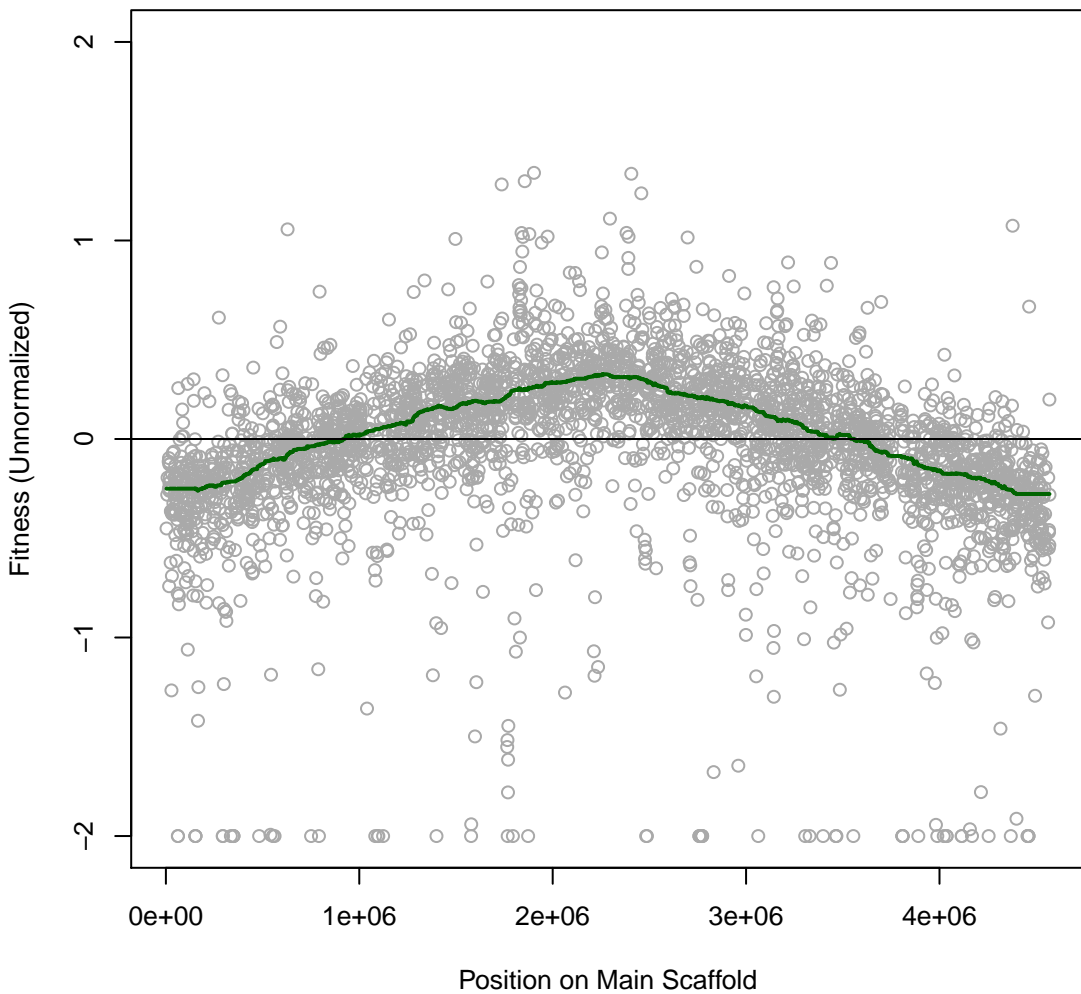
psRCH2 10H15 #110 (gMed=329 rho12=0.181)
acetate (C)



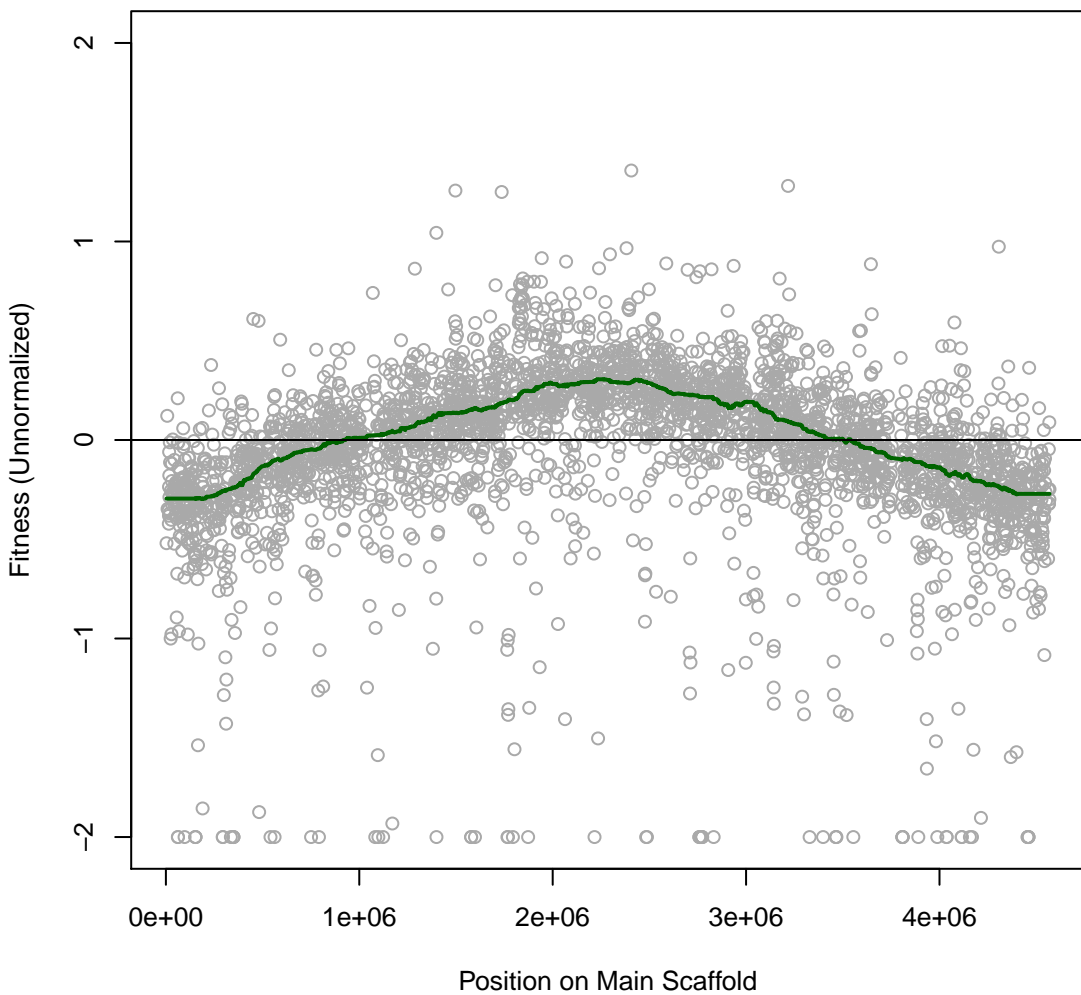
psRCH2 10H16 #111 (gMed=402 rho12=0.196)
acetate (C)



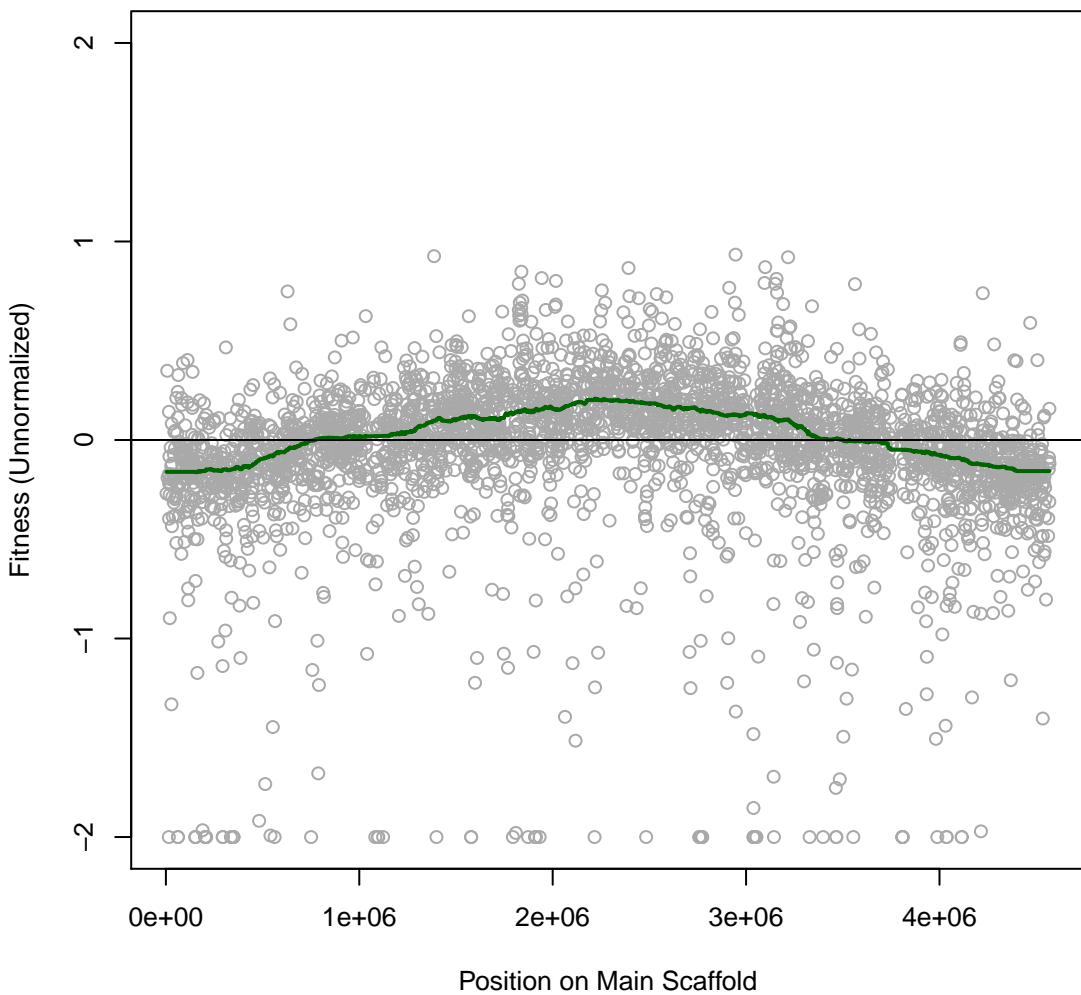
psRCH2 10H17 #112 (gMed=341 rho12=0.235)
Fumarate (C)



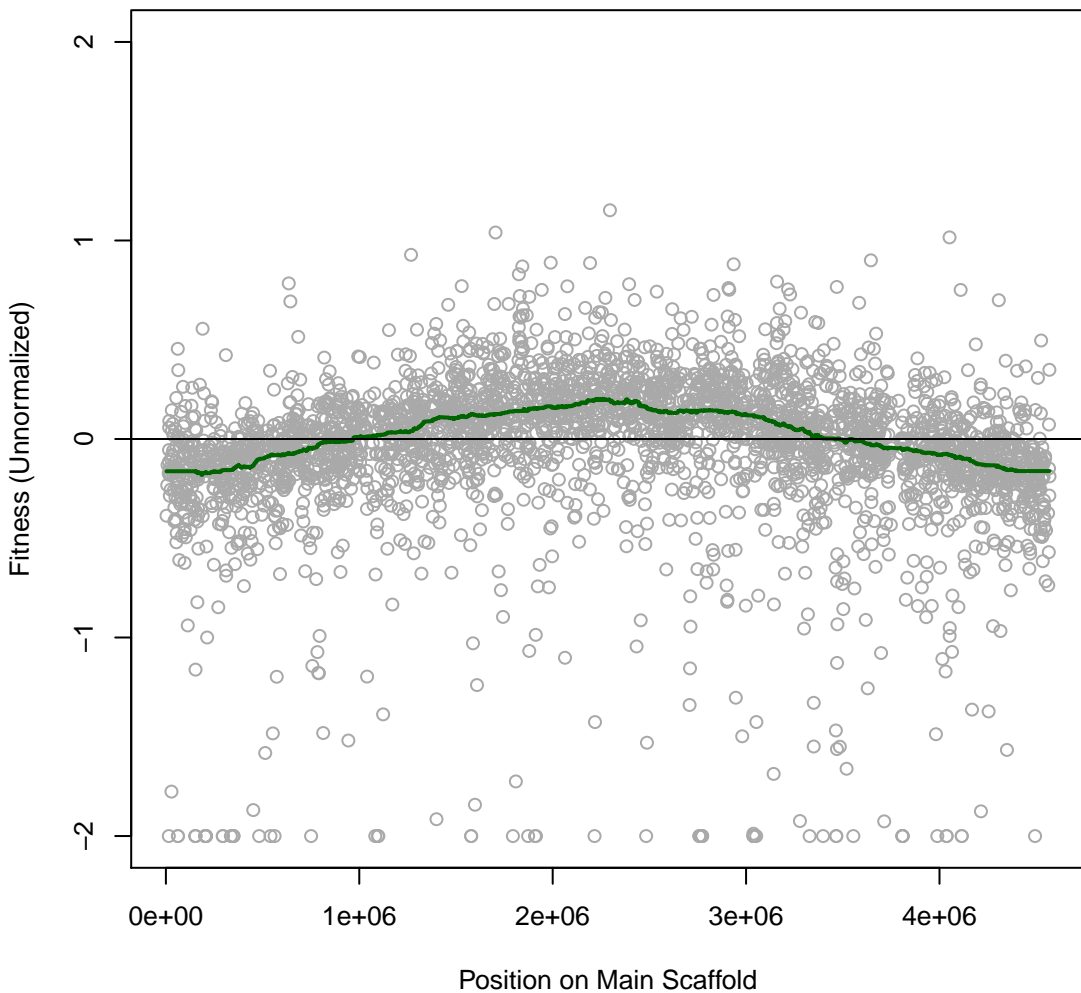
psRCH2 10H18 #113 (gMed=418 rho12=0.243)
Fumarate (C)



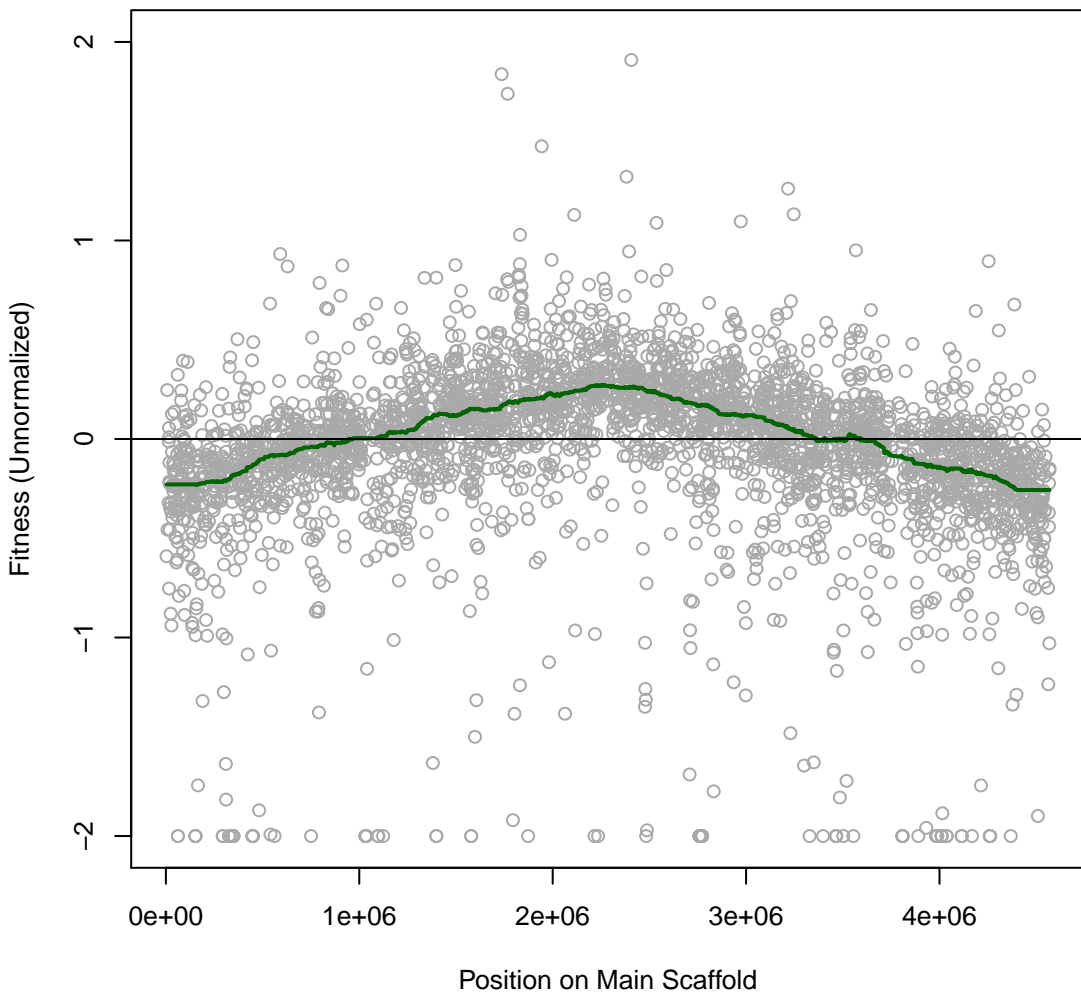
psRCH2 10H19 #114 (gMed=413 rho12=0.201)
Trisodium citrate (C)



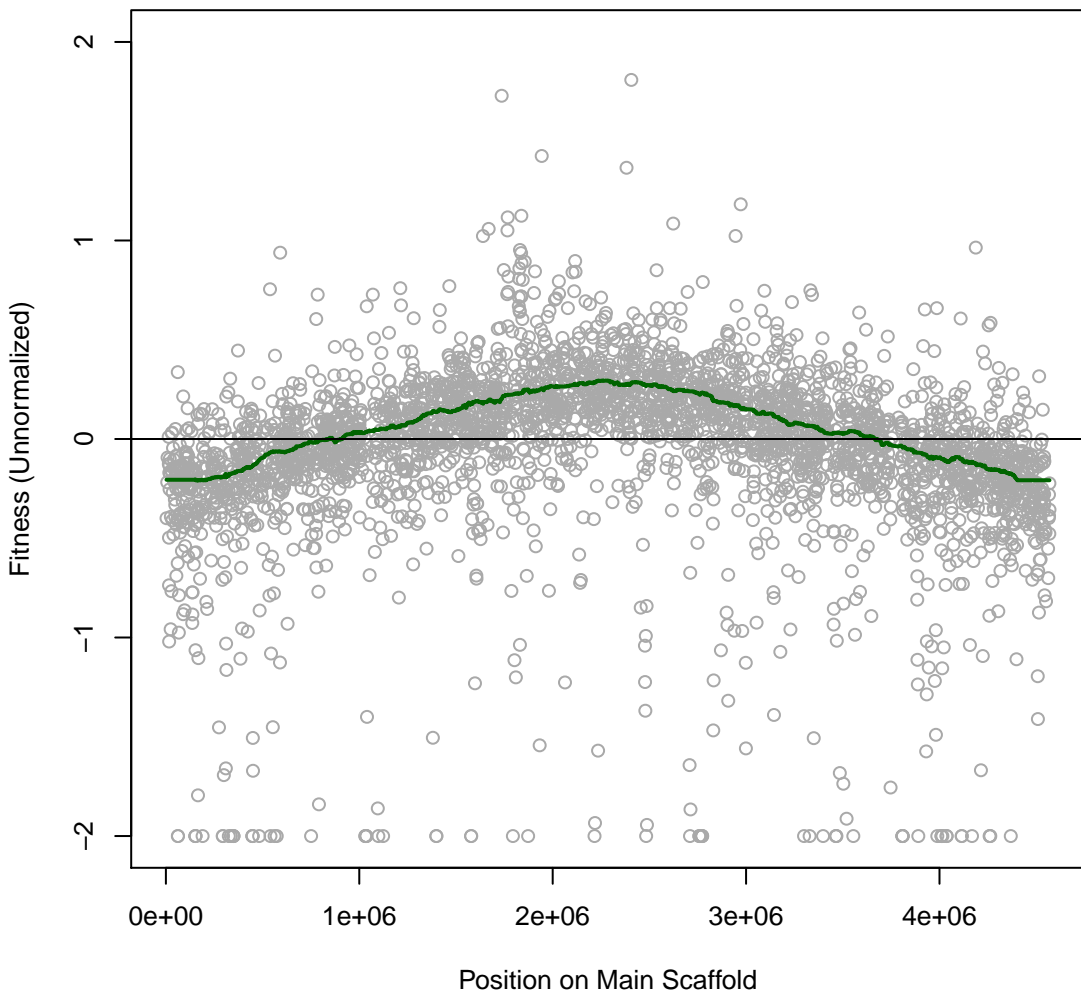
psRCH2 10H2O #115 (gMed=409 rho12=0.222)
Trisodium citrate (C)



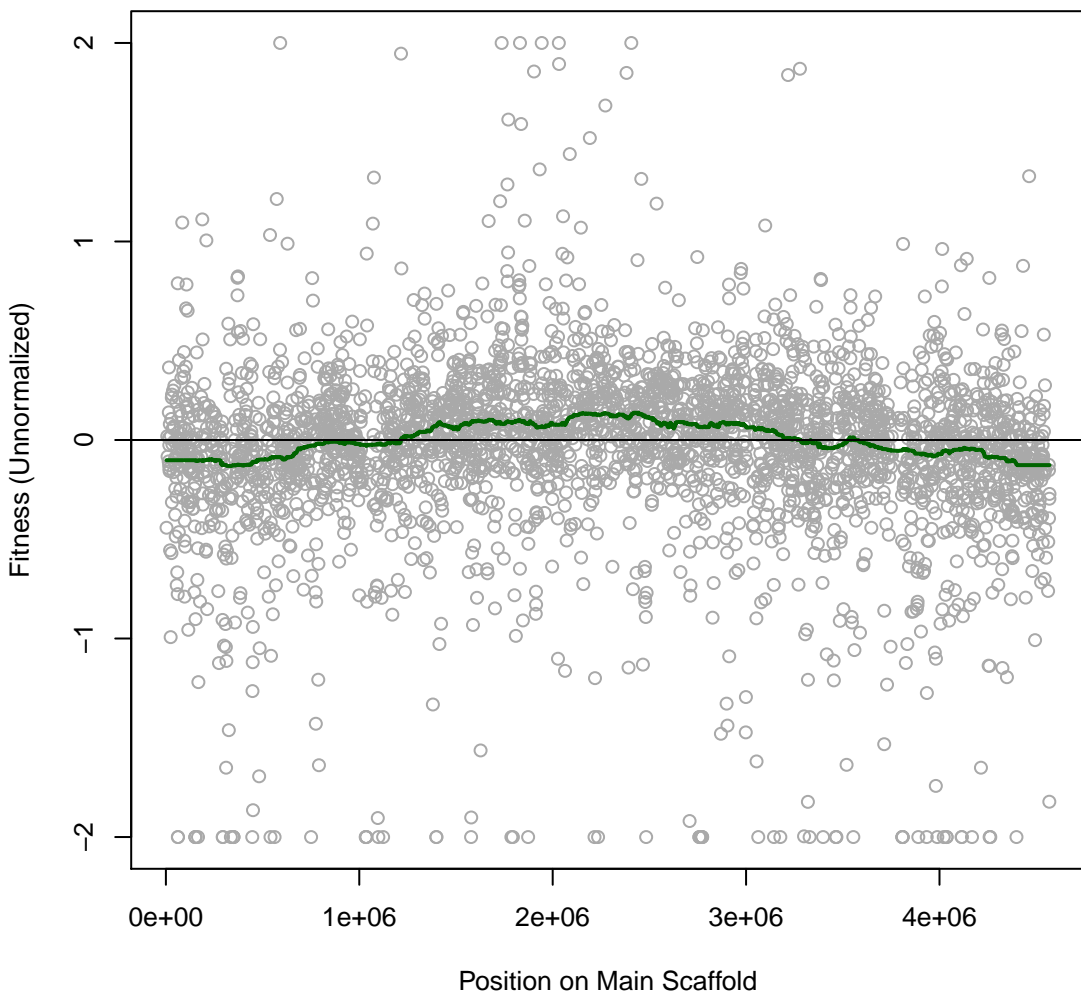
psRCH2 10H21 #116 (gMed=423 rho12=0.260)
D-Lactate (C)



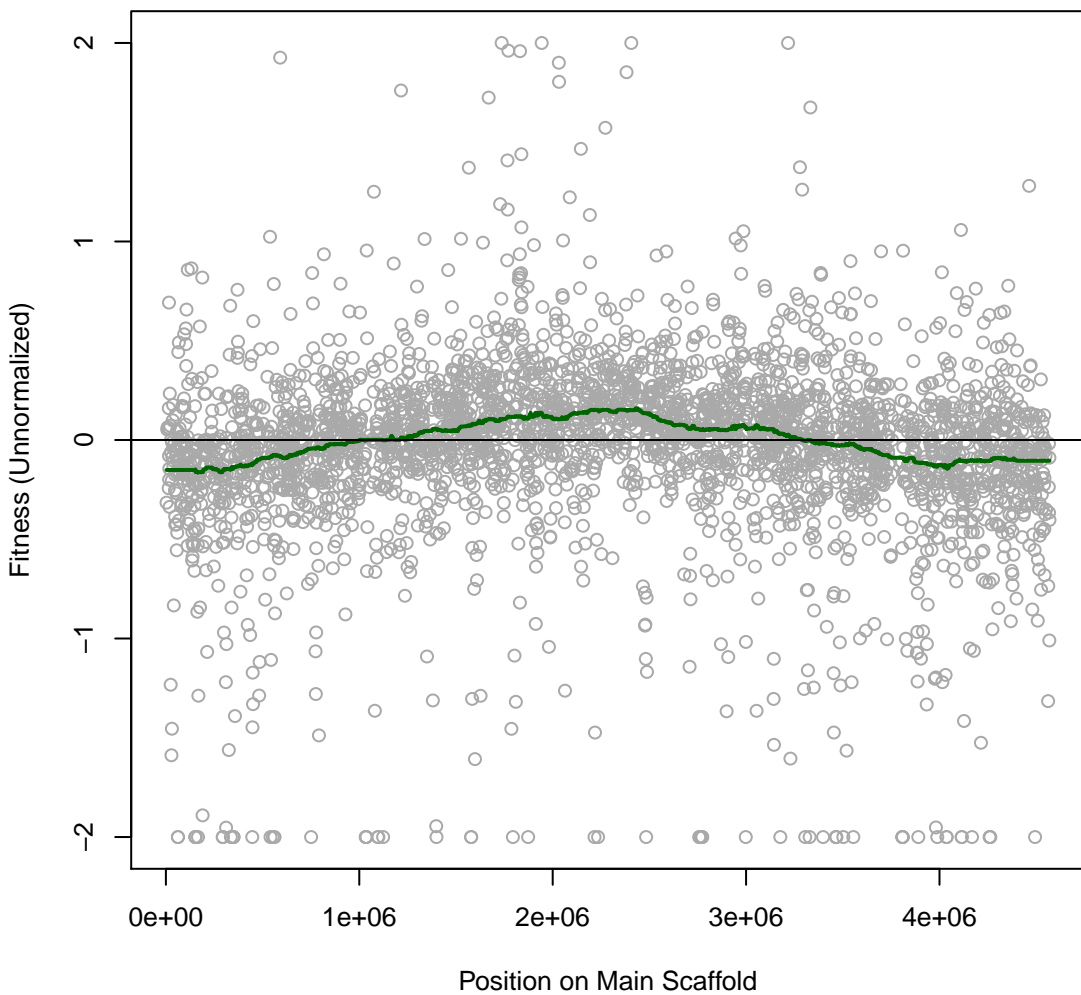
psRCH2 10H22 #117 (gMed=415 rho12=0.247)
D-Lactate (C)



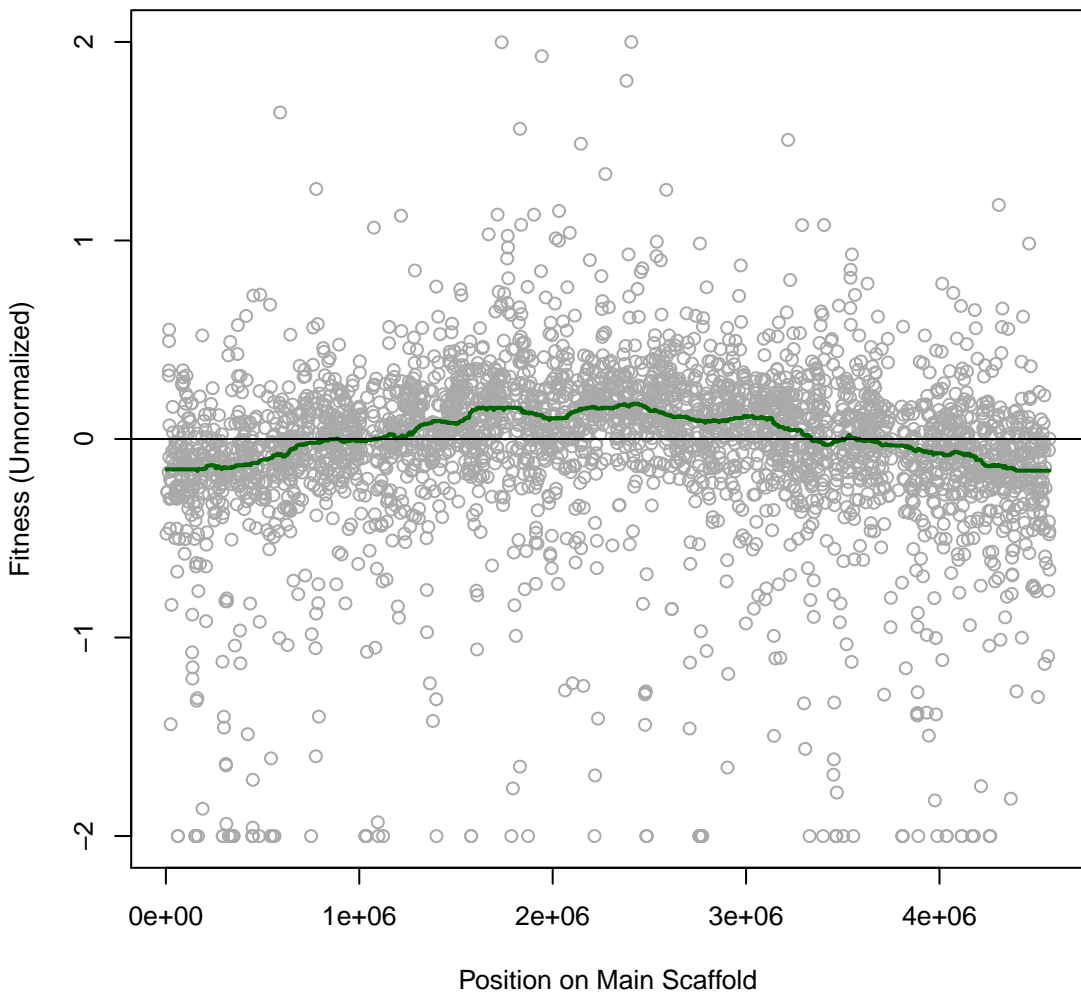
psRCH2 10H23 #118 (gMed=348 rho12=0.337)
L-Lactate (C)



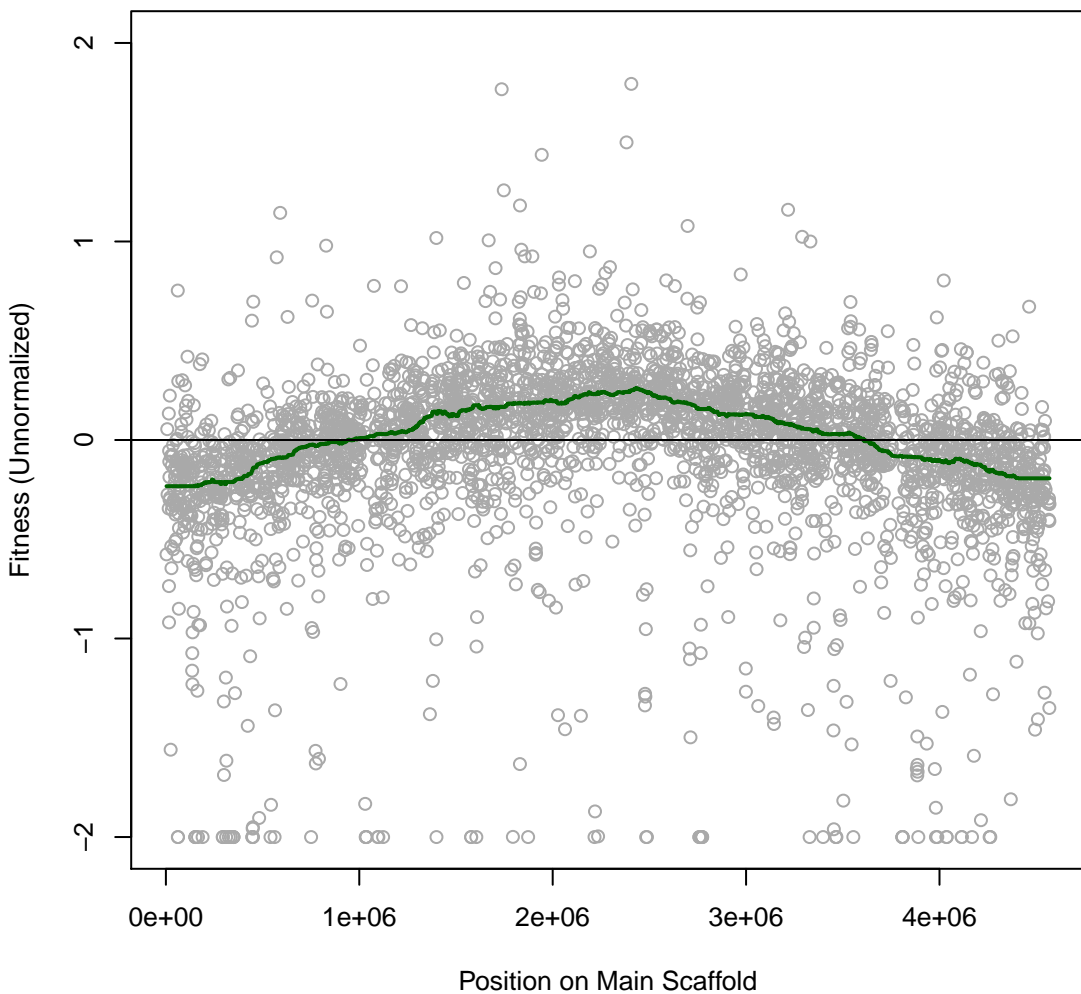
psRCH2 10H24 #119 (gMed=383 rho12=0.327)
L-Lactate (C)



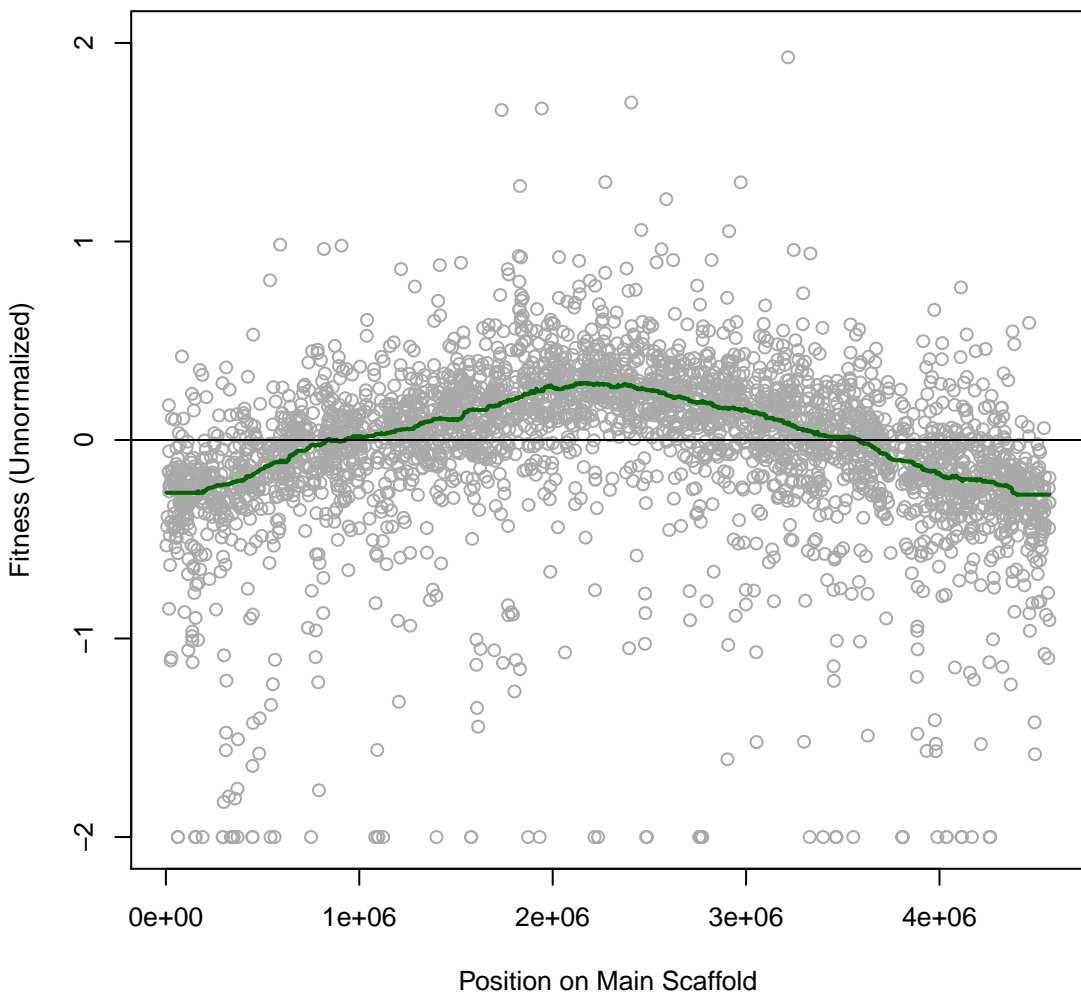
psRCH2 10H25 #120 (gMed=496 rho12=0.326)
D,L-Lactate (C)



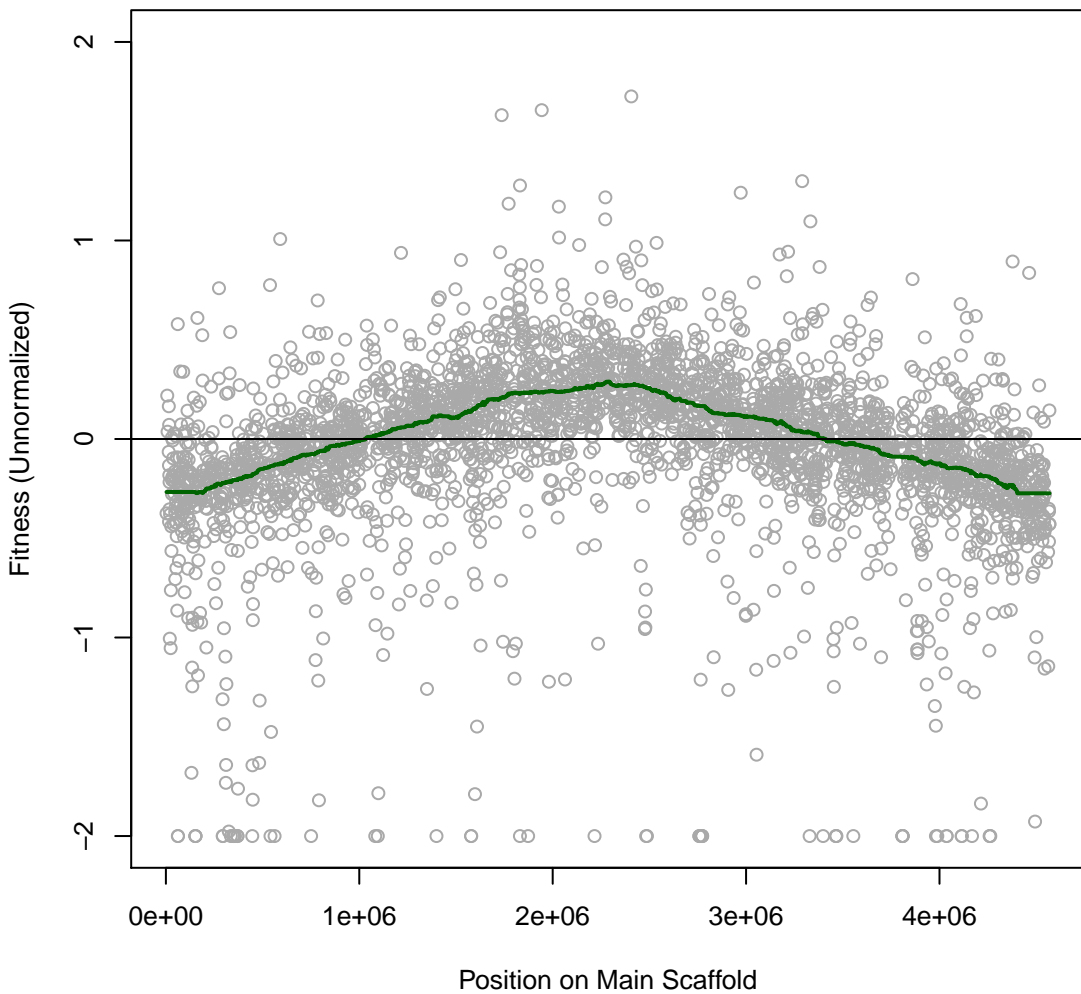
psRCH2 10H26 #121 (gMed=472 rho12=0.308)
D,L-Lactate (C)



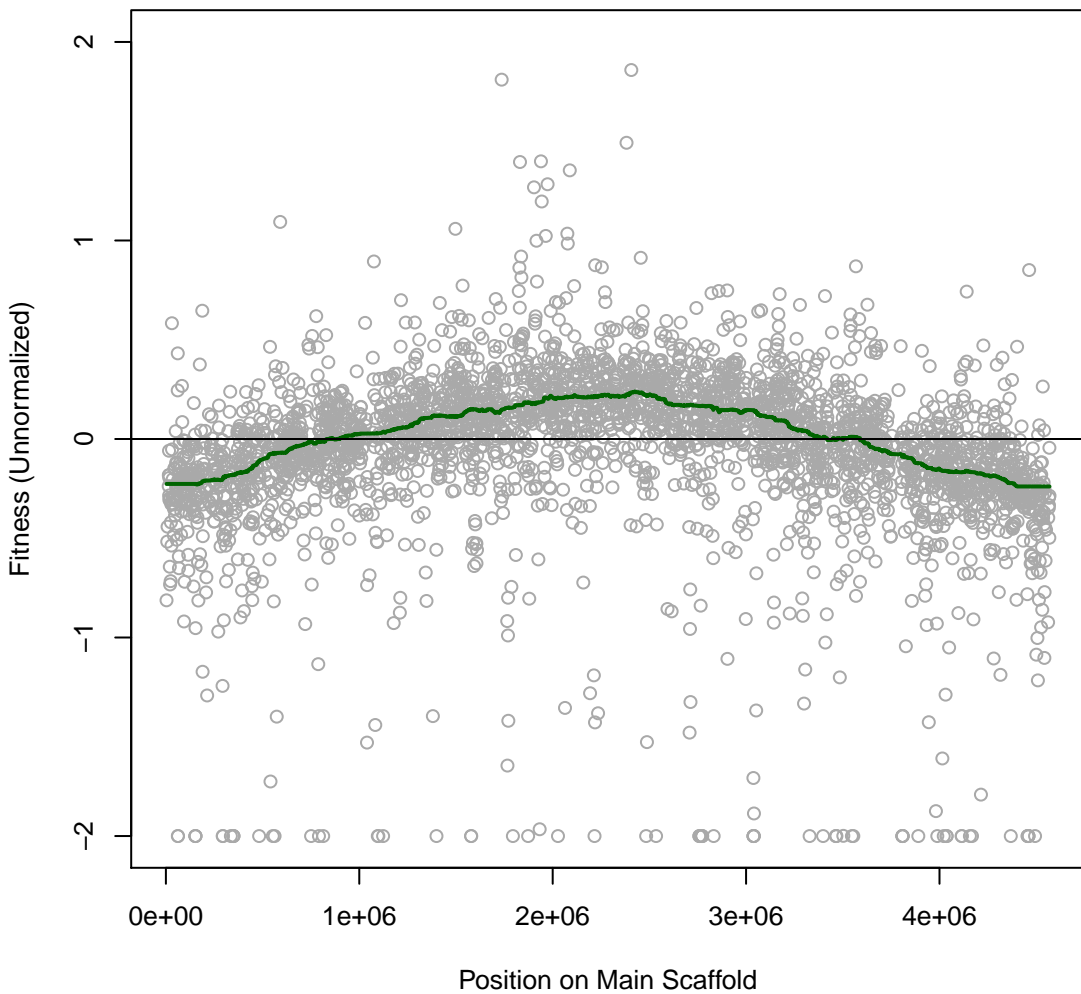
psRCH2 10H27 #122 (gMed=452 rho12=0.255)
pyruvate (C)



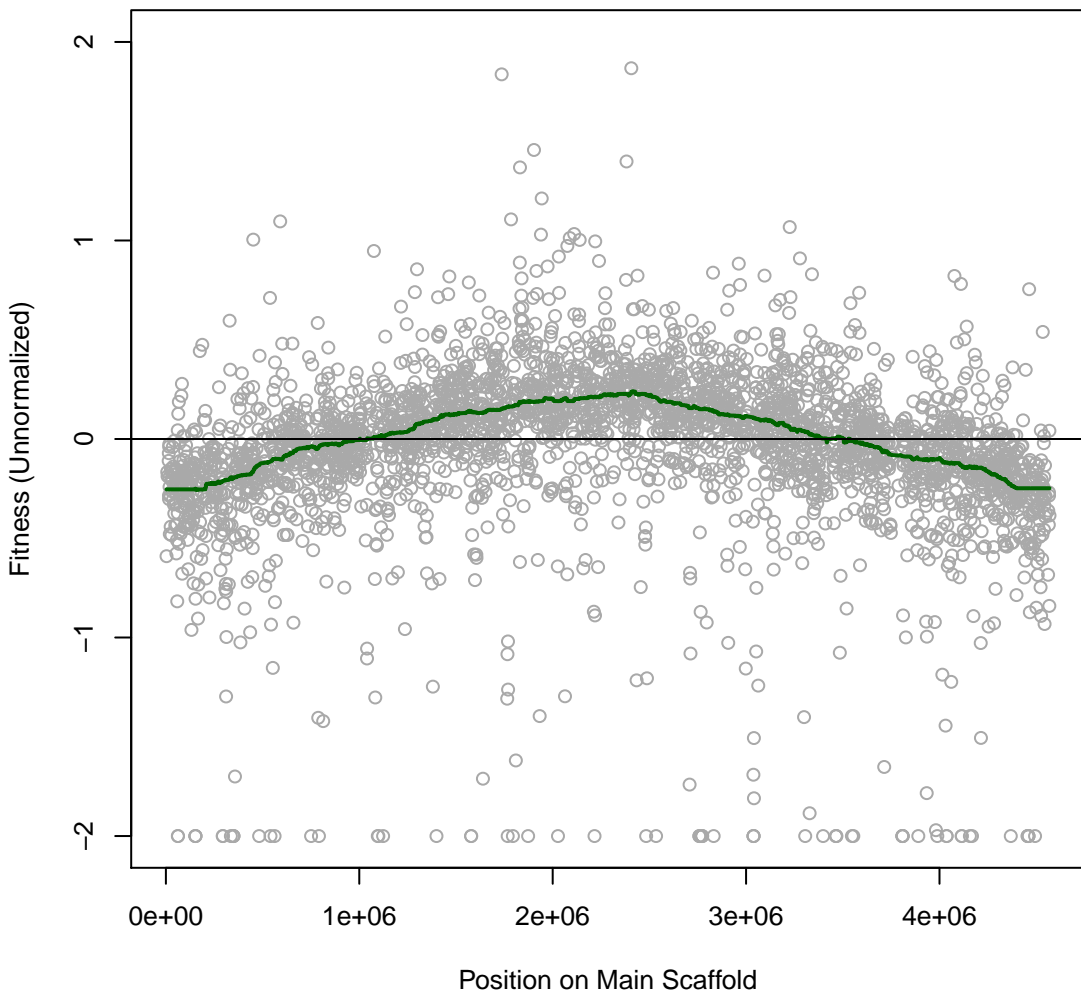
psRCH2 10H28 #123 (gMed=401 rho12=0.282)
pyruvate (C)



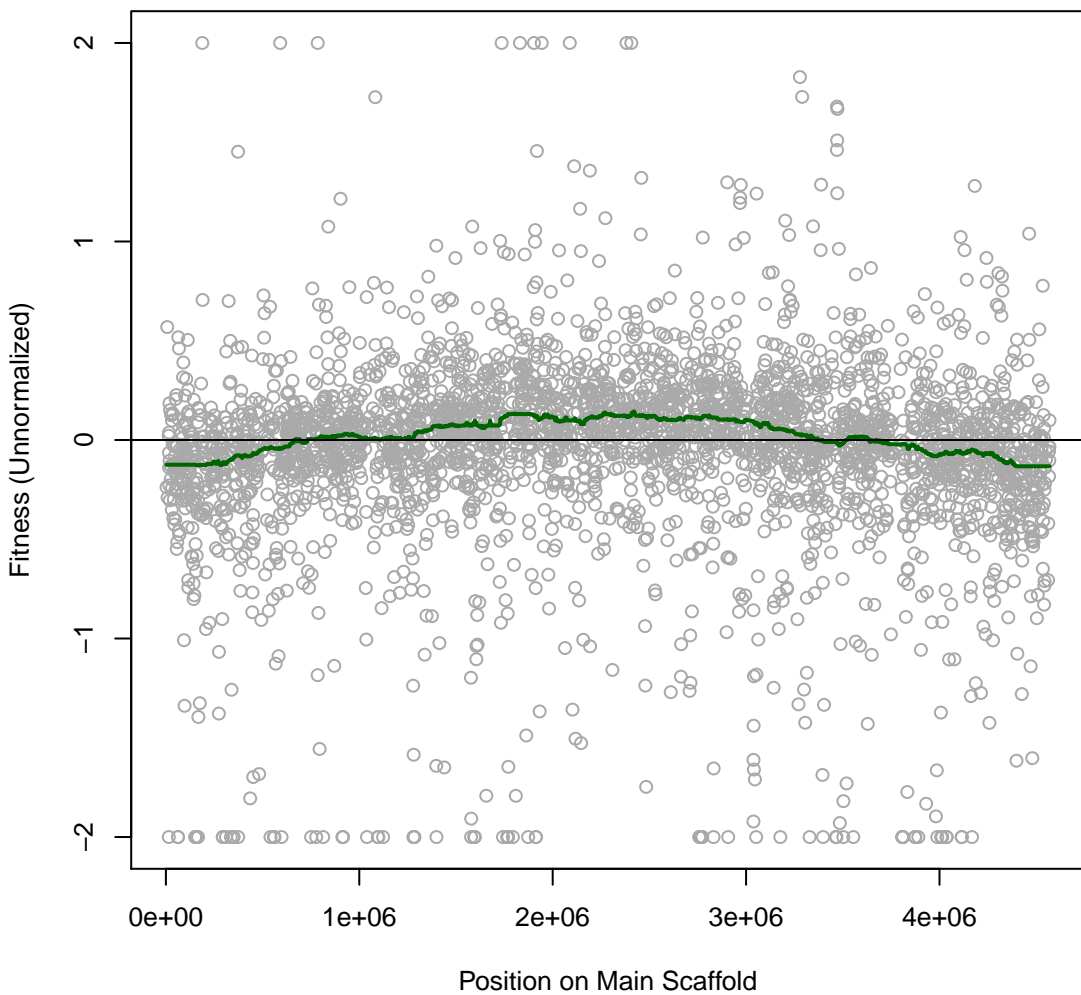
psRCH2 10H29 #124 (gMed=402 rho12=0.215)
succinate (C)



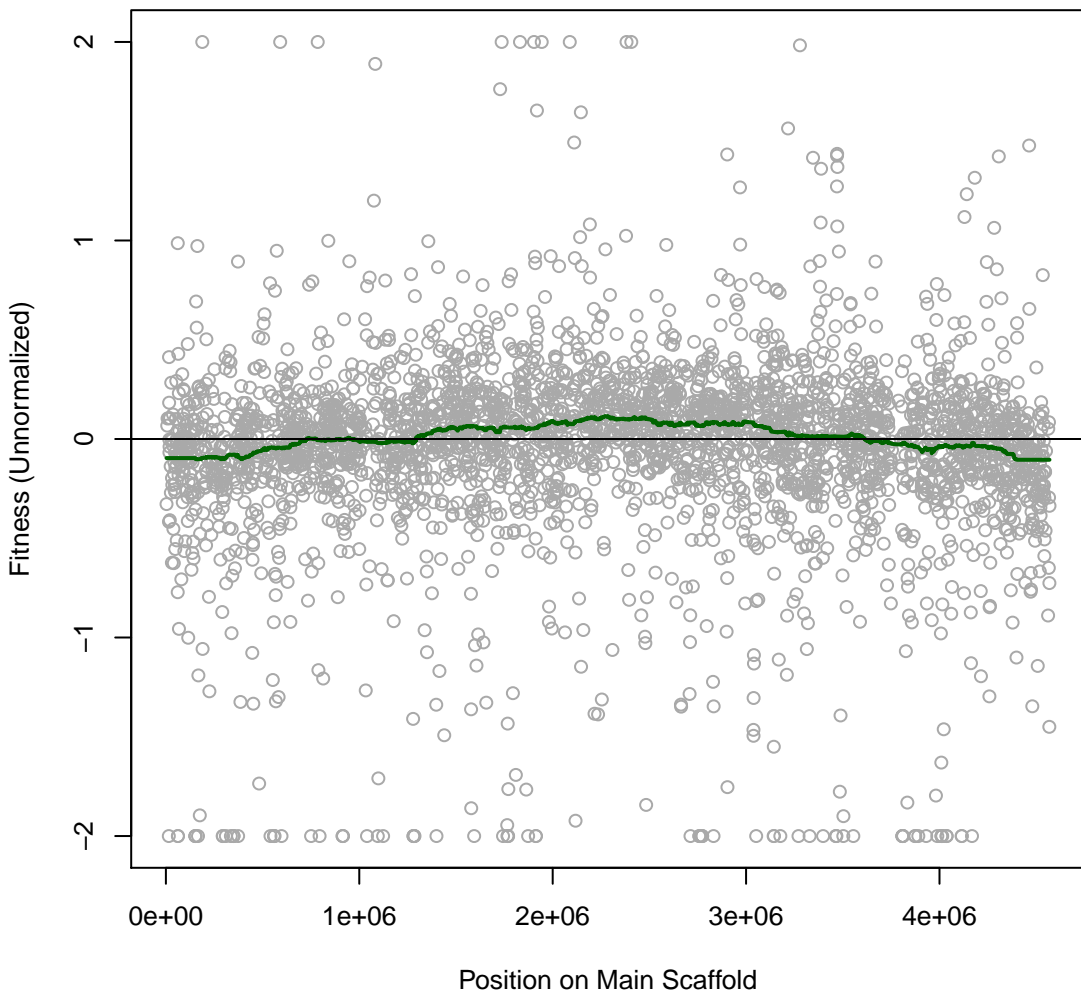
psRCH2 10H30 #125 (gMed=352 rho12=0.238)
succinate (C)



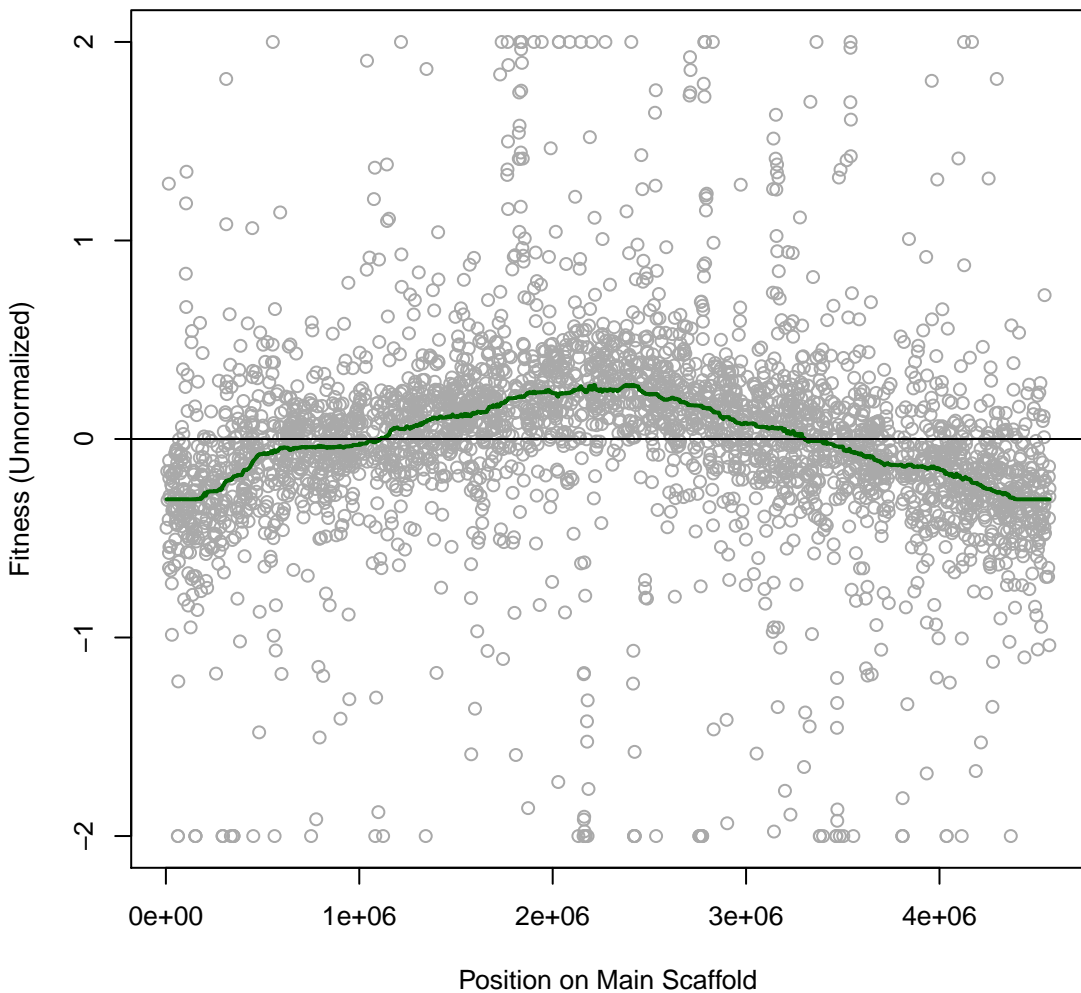
psRCH2 10H31 #126 (gMed=429 rho12=0.287)
Glycolic Acid (C)



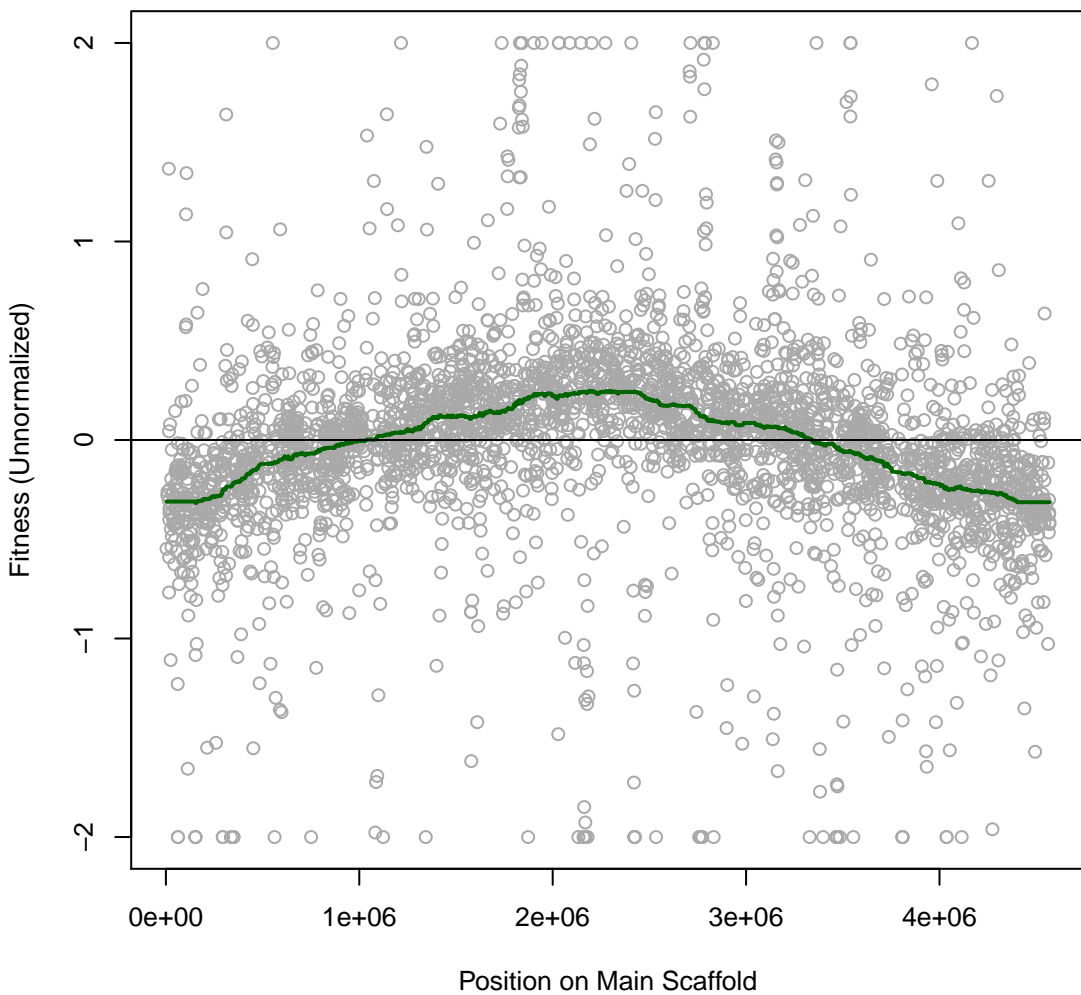
psRCH2 10H32 #127 (gMed=347 rho12=0.300)
Glycolic Acid (C)



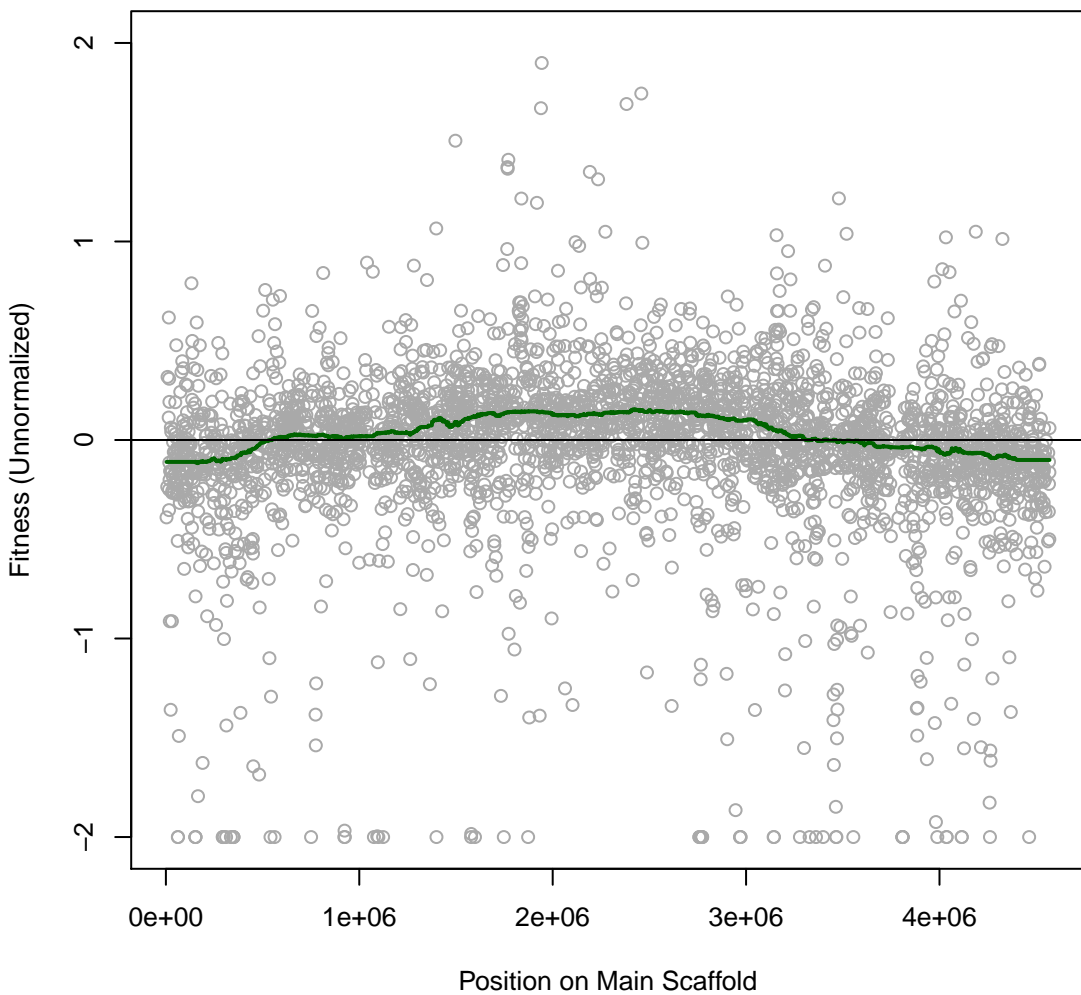
psRCH2 10H33 #128 (gMed=330 rho12=0.337)
Ethanol (C)



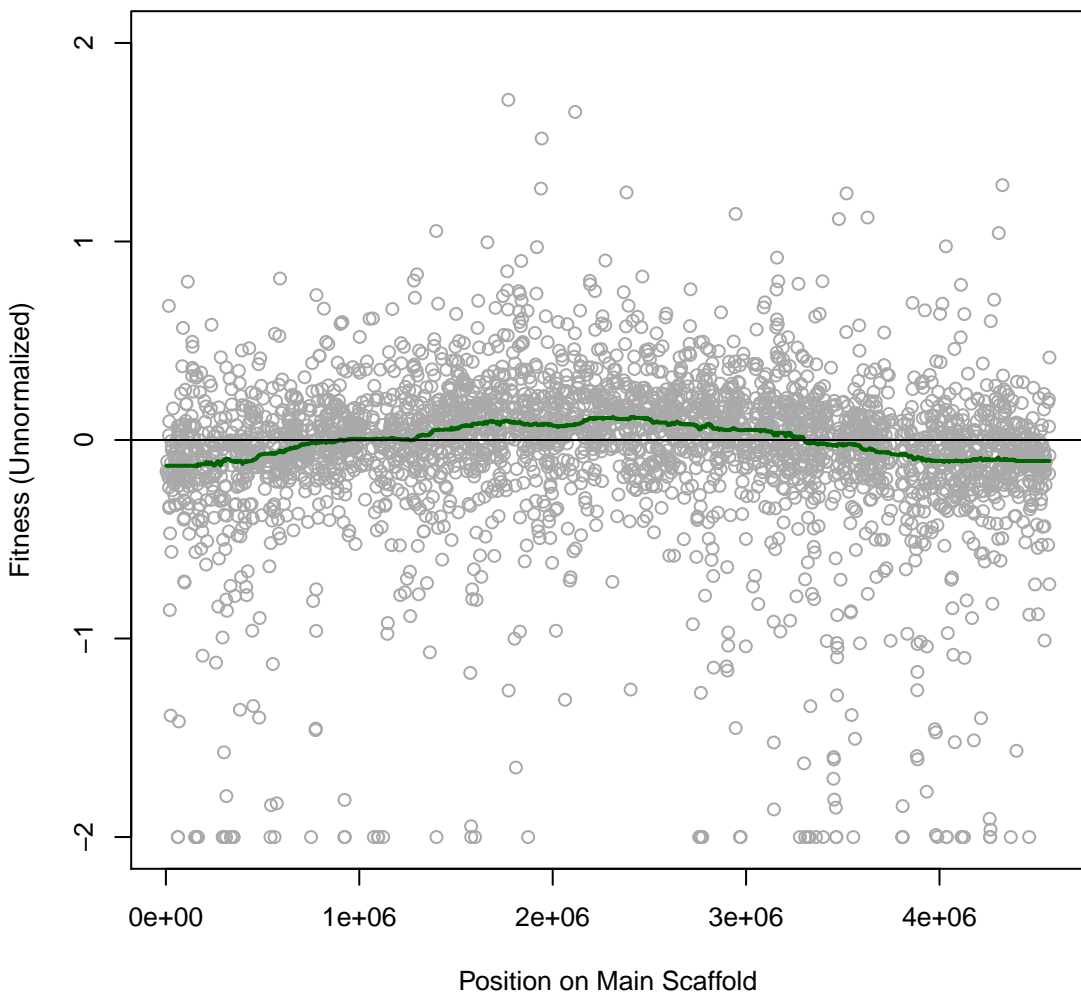
psRCH2 10H34 #129 (gMed=312 rho12=0.339)
Ethanol (C)



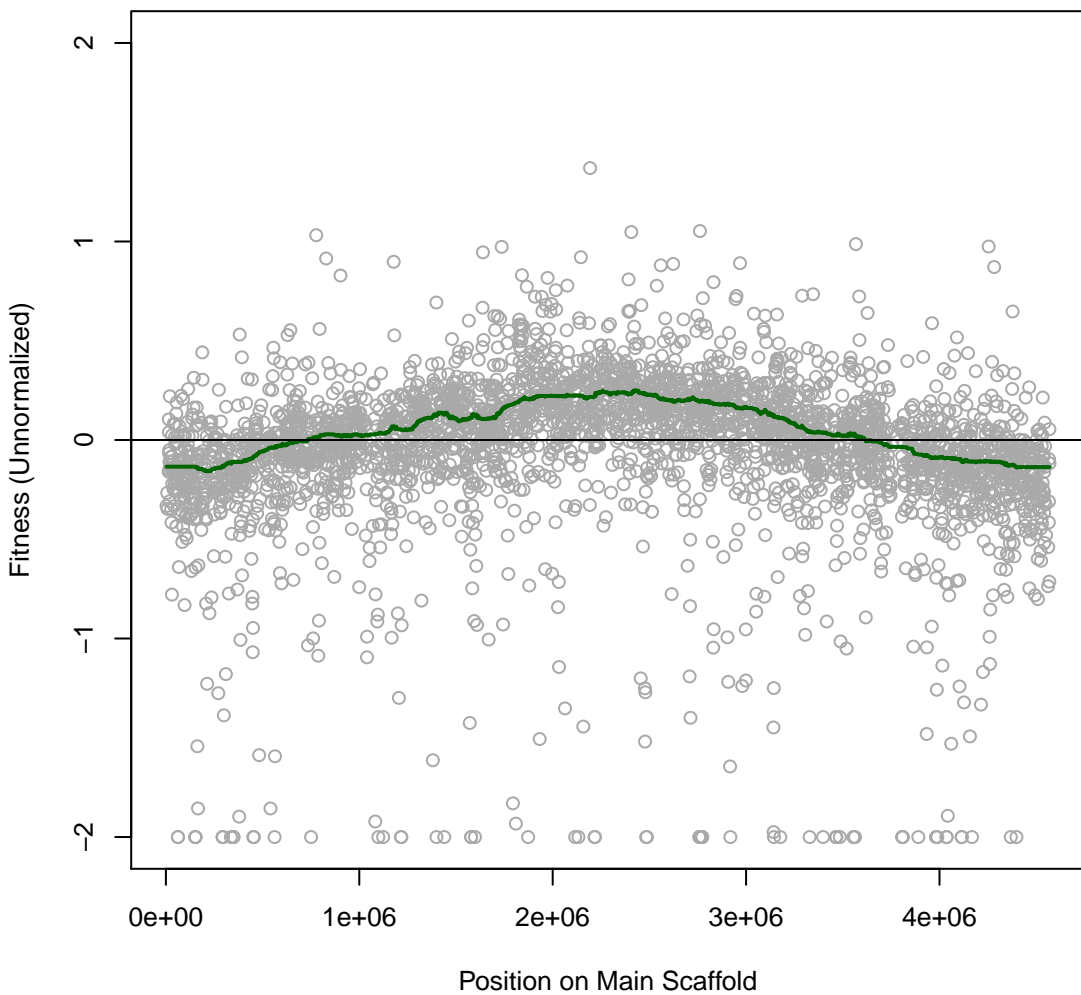
psRCH2 10H35 #130 (gMed=348 rho12=0.261)
Glycerol (C)



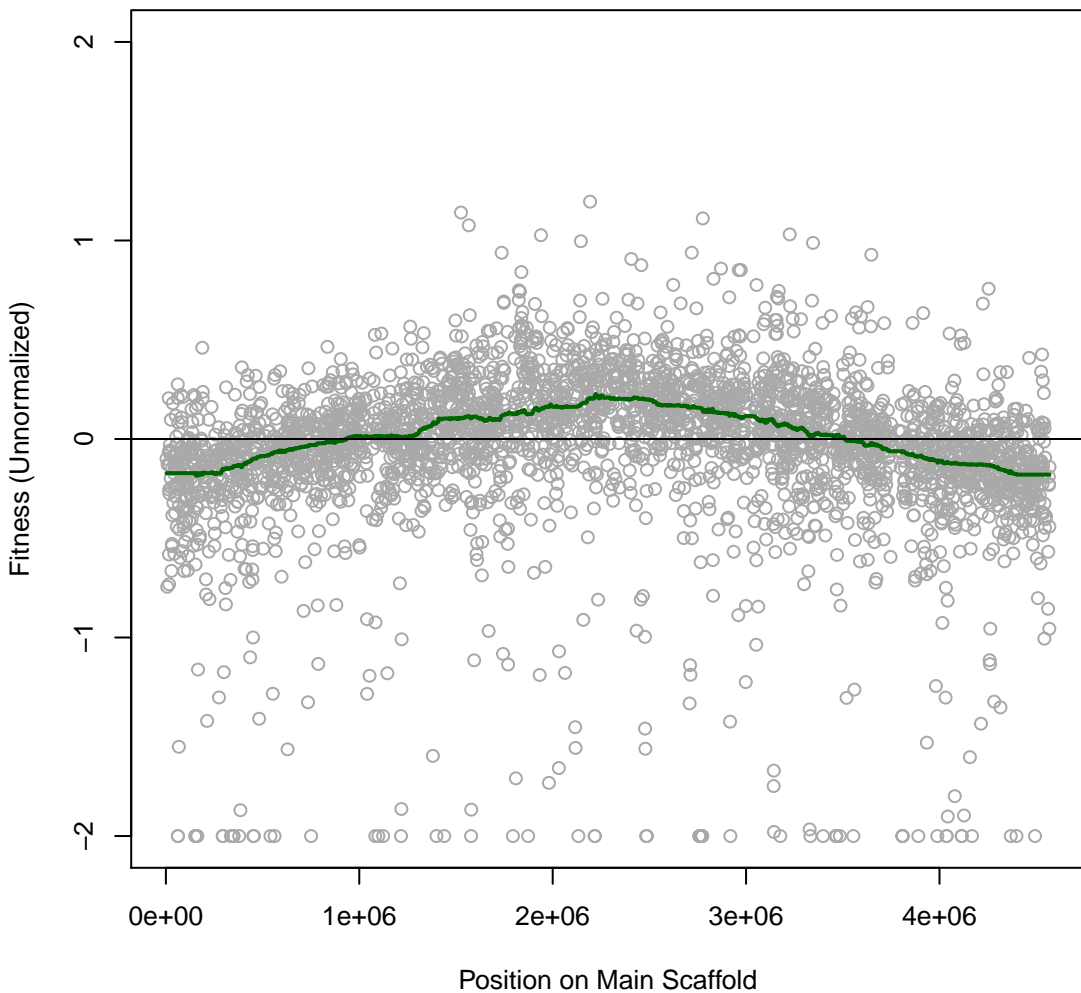
psRCH2 10H36 #131 (gMed=371 rho12=0.227)
Glycerol (C)



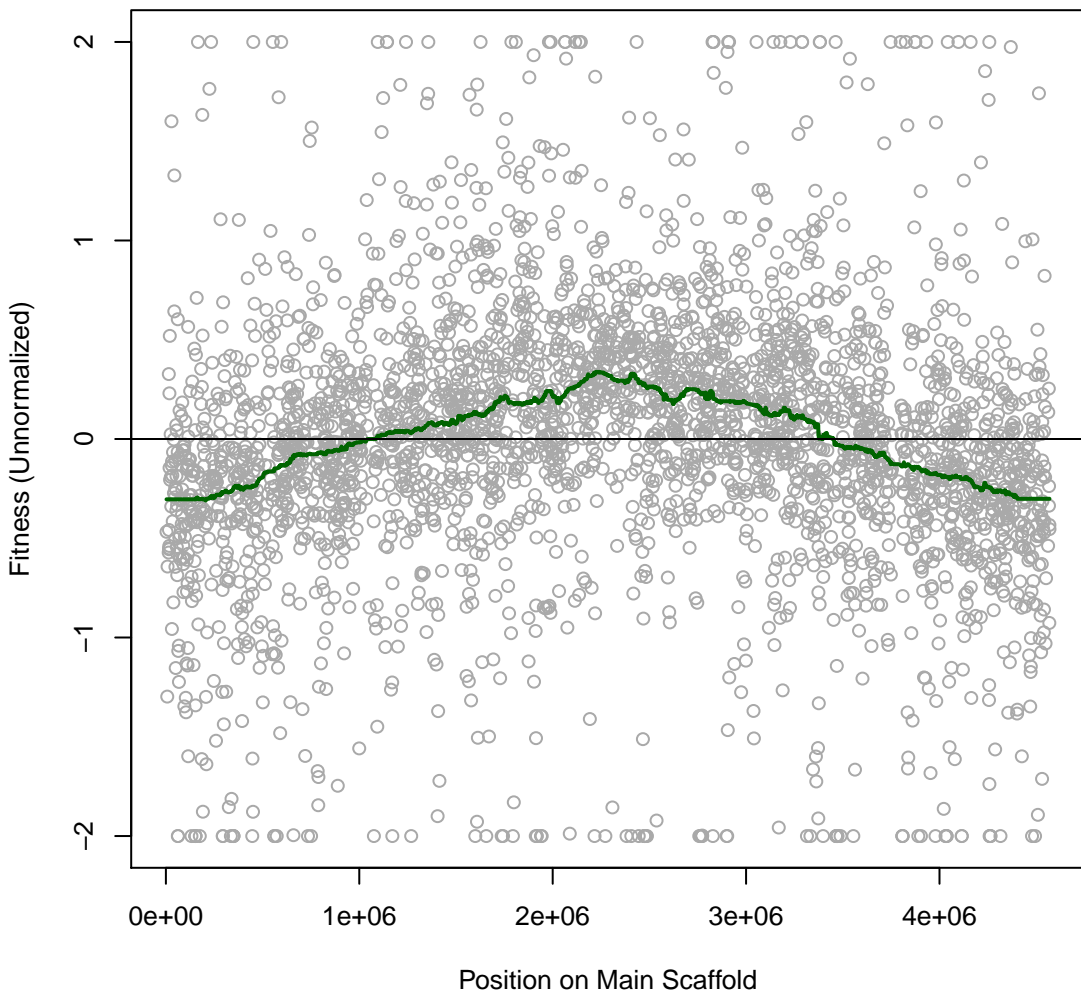
psRCH2 10H37 #132 (gMed=392 rho12=0.160)
Tween 20 (C)



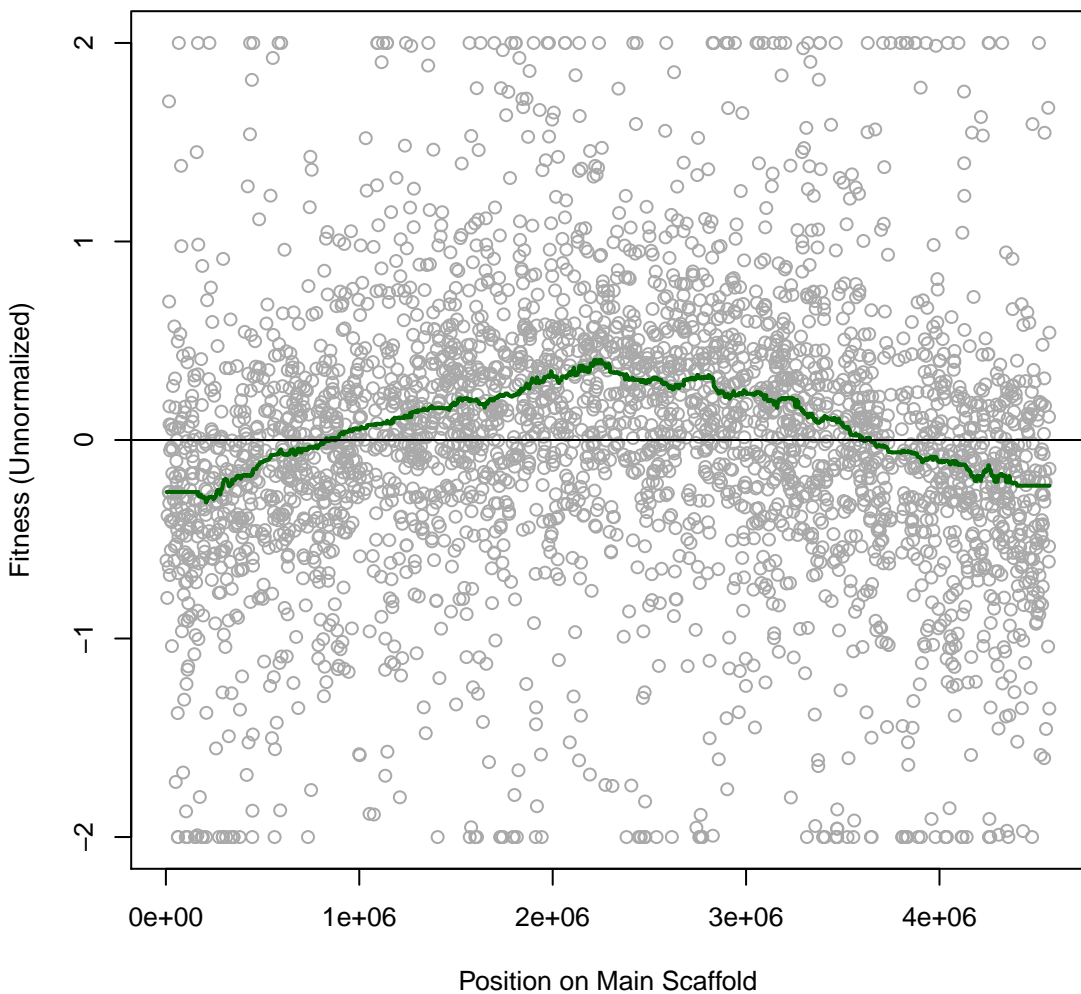
psRCH2 10H38 #133 (gMed=267 rho12=0.245)
Tween 20 (C)



psRCH2 10H39 #134 (gMed=132 rho12=0.265)
propionate (C)

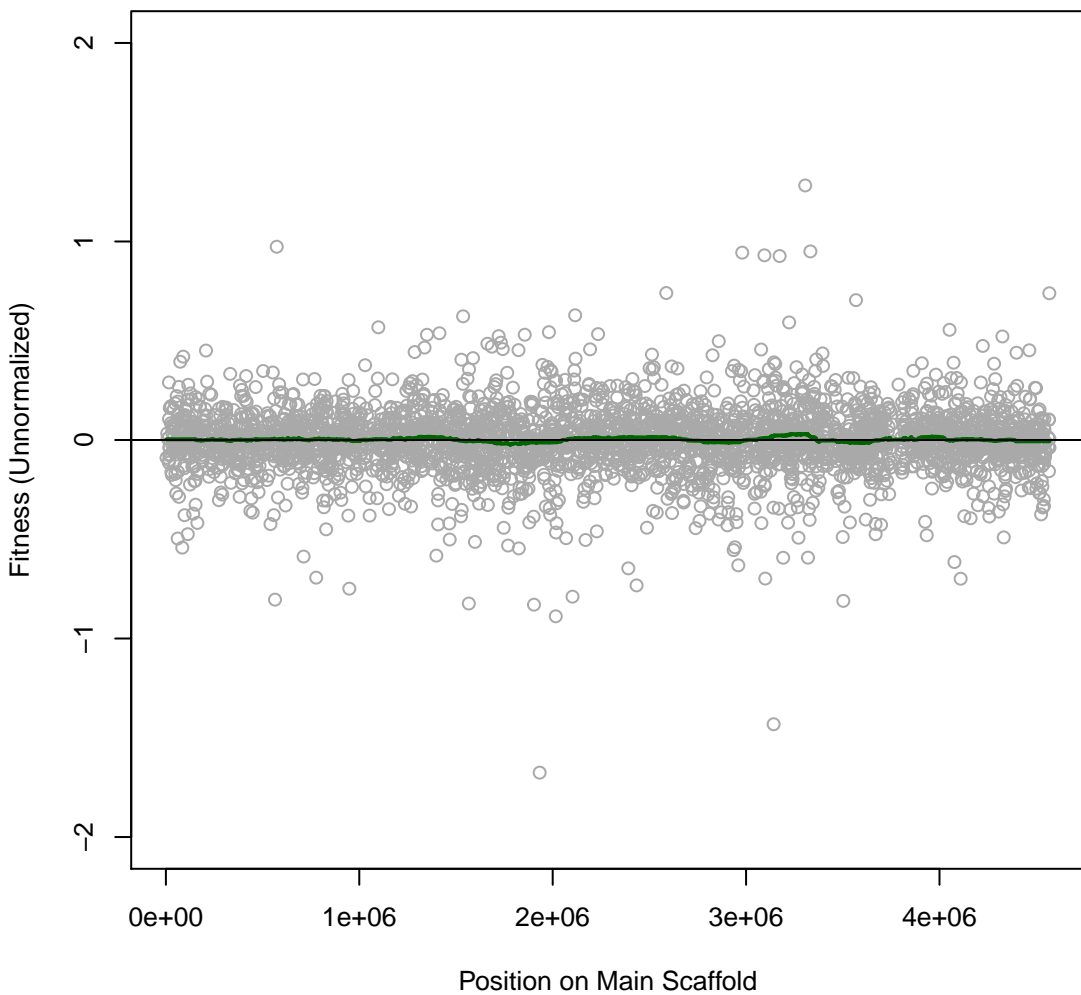


psRCH2 10H40 #135 (gMed=84 rho12=0.254)
propionate (C)

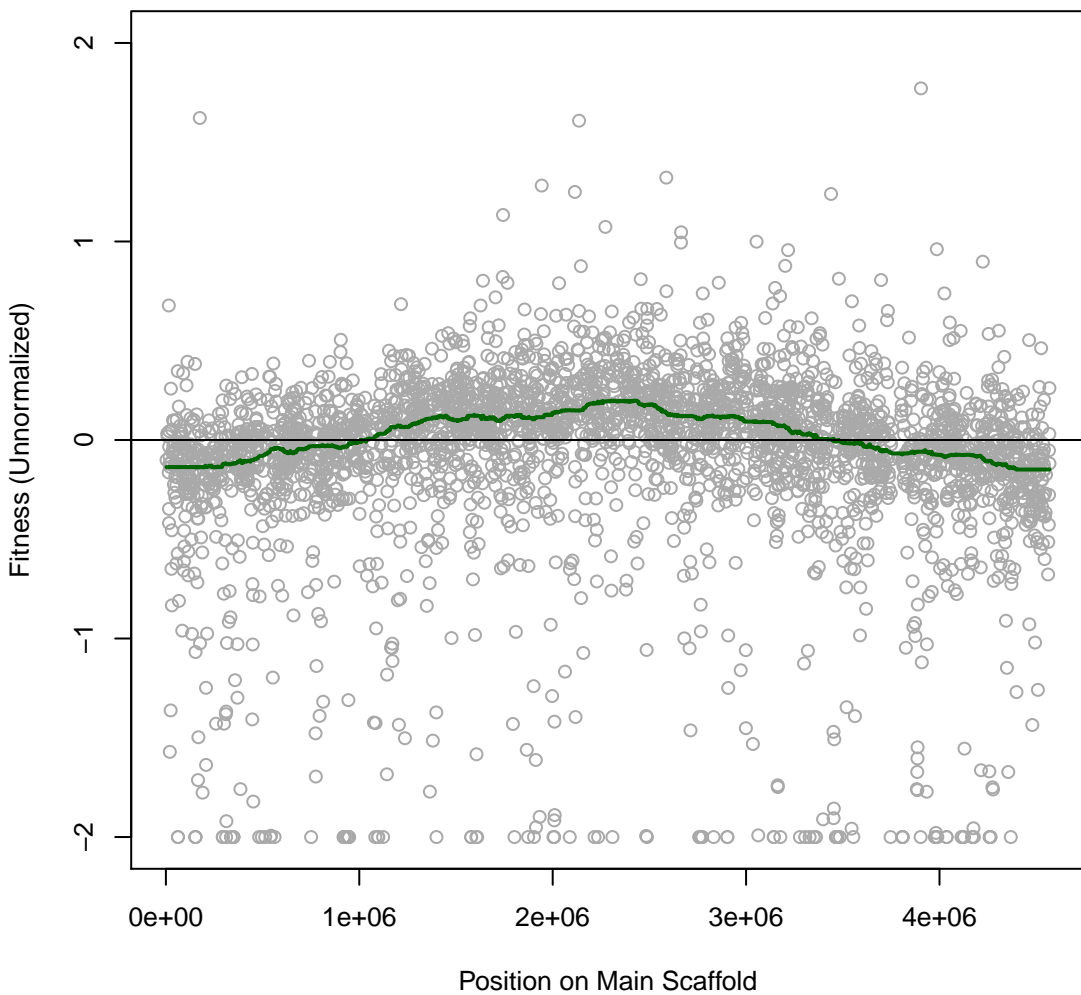


psRCH2 10H41 #136 (gMed=383 rho12=-0.011)

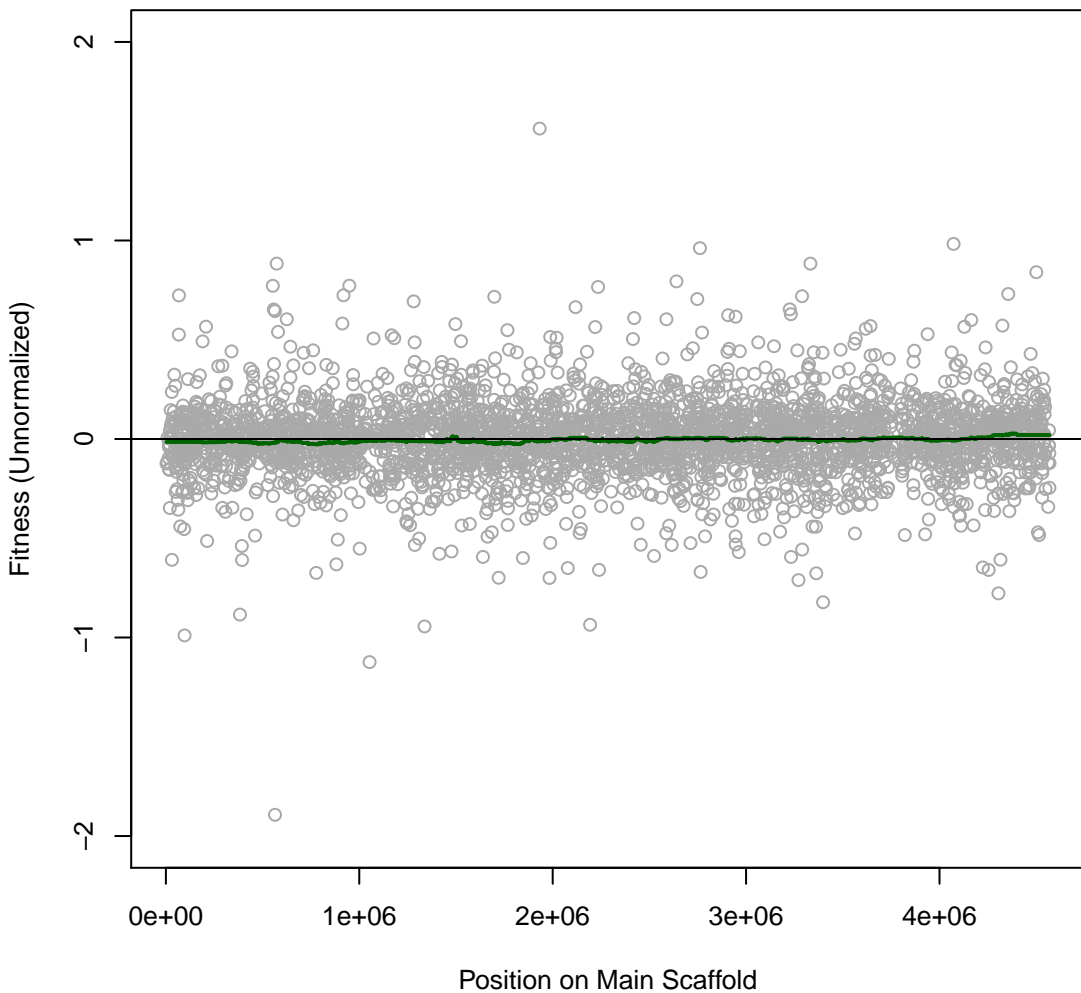
Time0



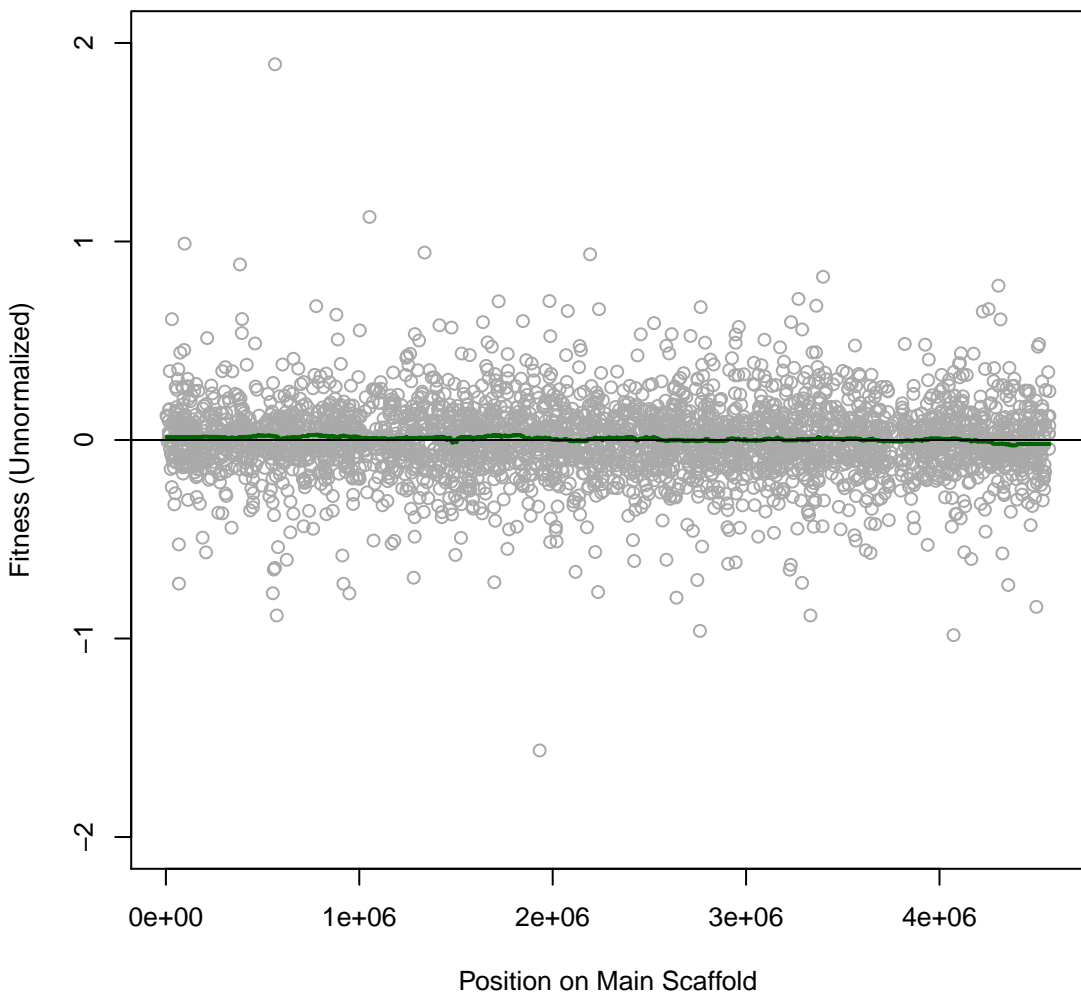
psRCH2 10H42 #137 (gMed=338 rho12=0.283)
D-Maltose (C)



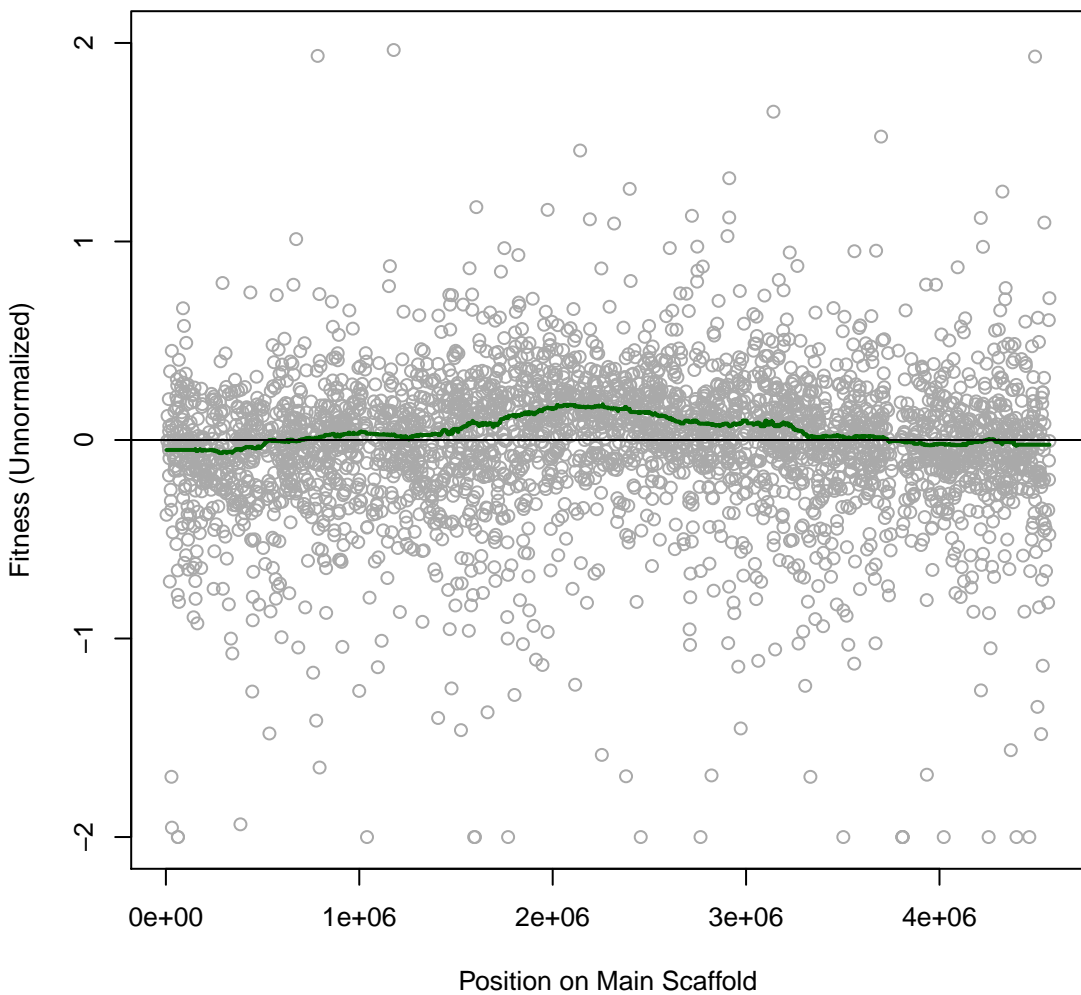
psRCH2 11H1 #138 (gMed=341 rho12=-0.034)
Time0



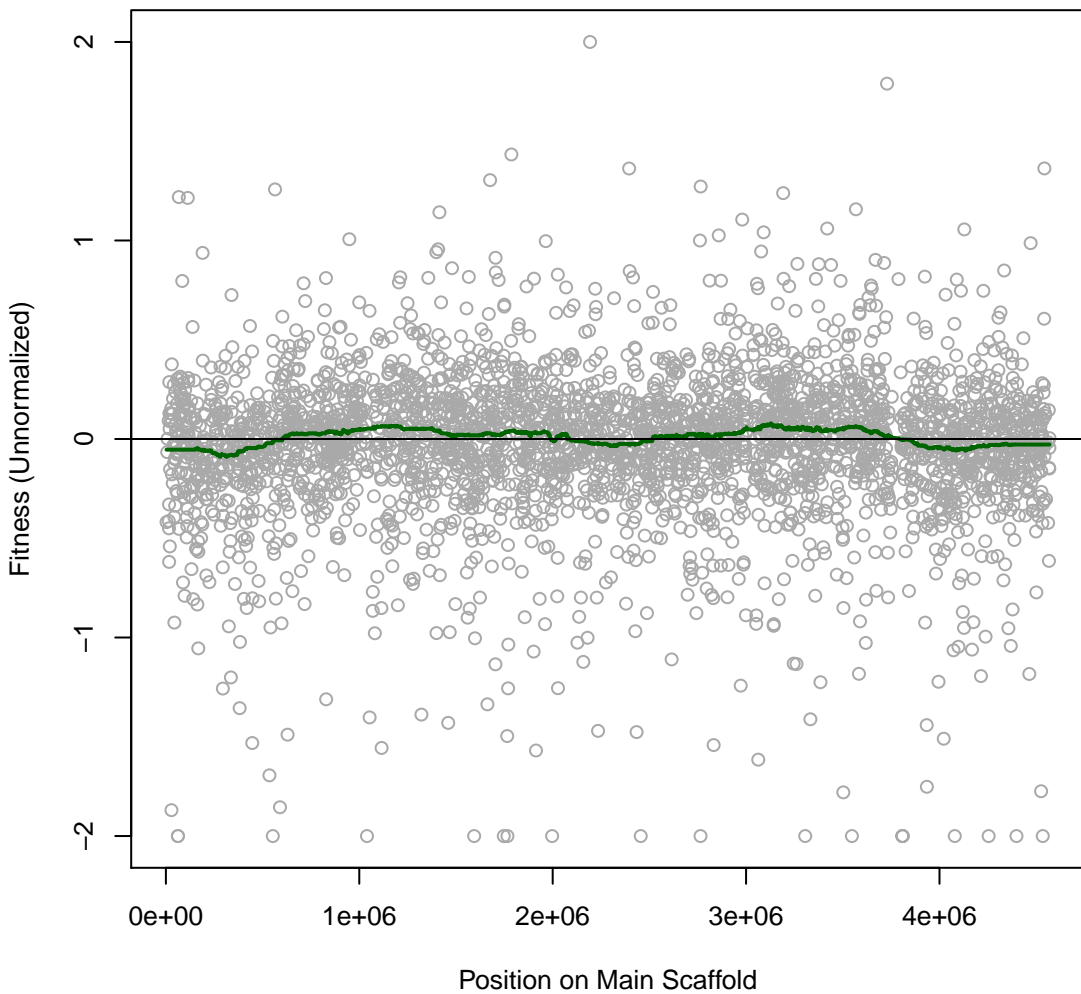
psRCH2 11H2 #139 (gMed=388 rho12=-0.034)
Time0



psRCH2 11H19 #140 (gMed=308 rho12=0.080)
LB

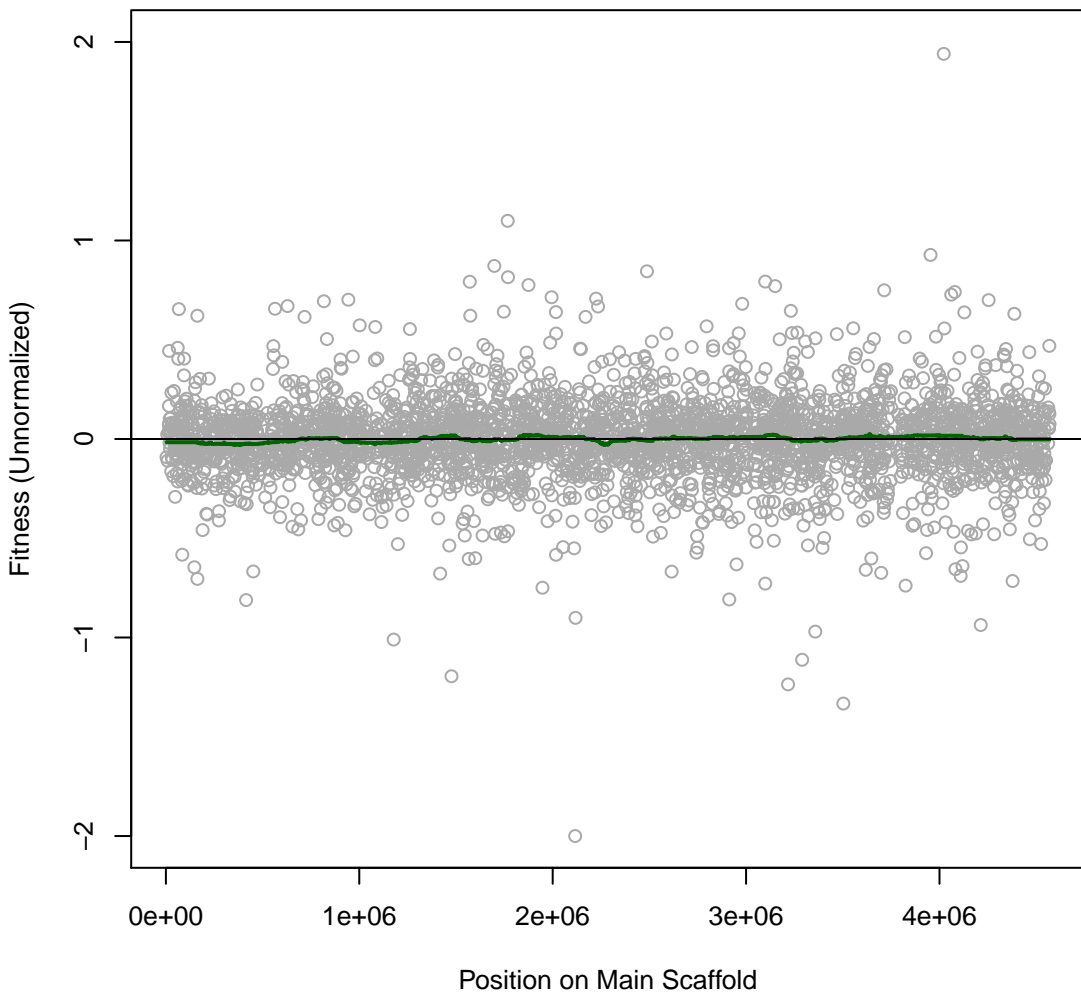


psRCH2 11H20 #141 (gMed=322 rho12=0.062)
LB



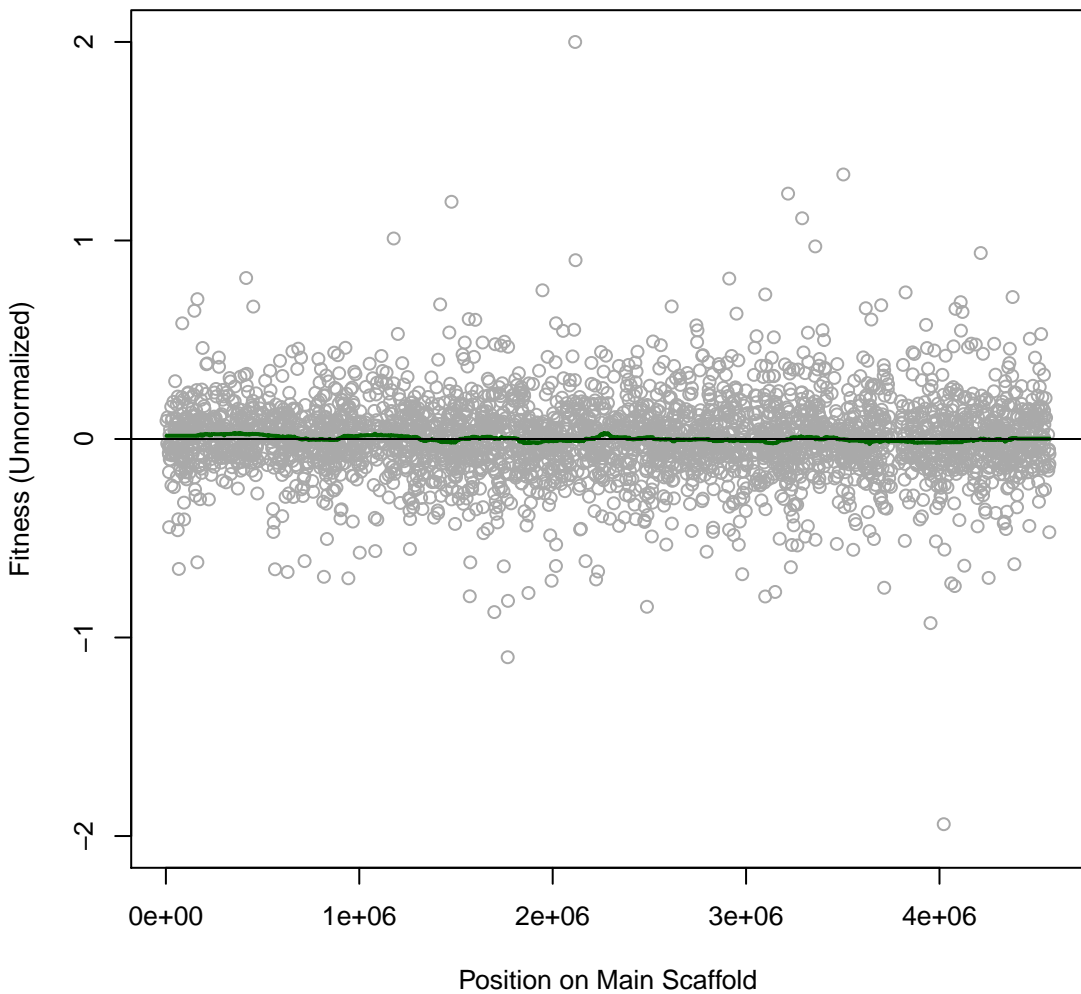
psRCH2 11H21 #142 (gMed=356 rho12=-0.025)

Time0

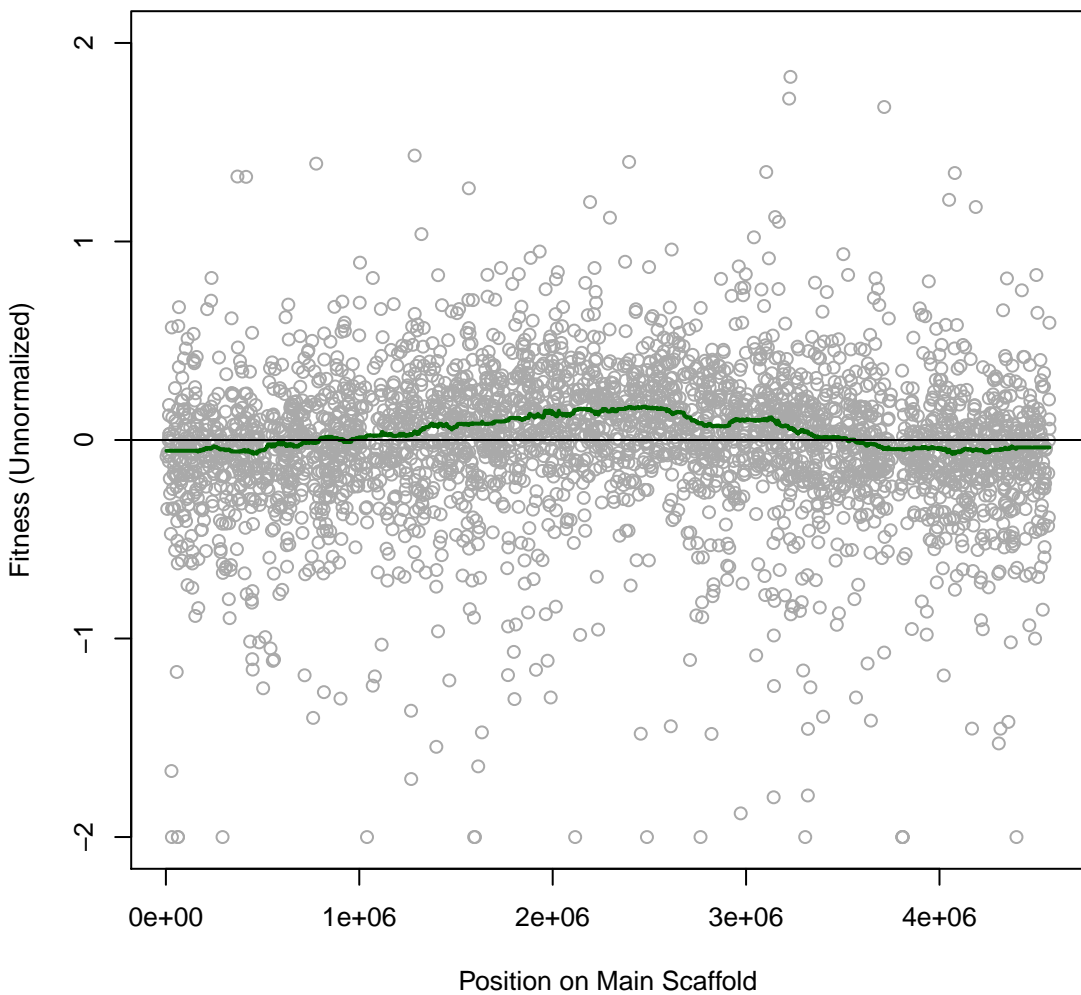


psRCH2 11H22 #143 (gMed=368 rho12=-0.025)

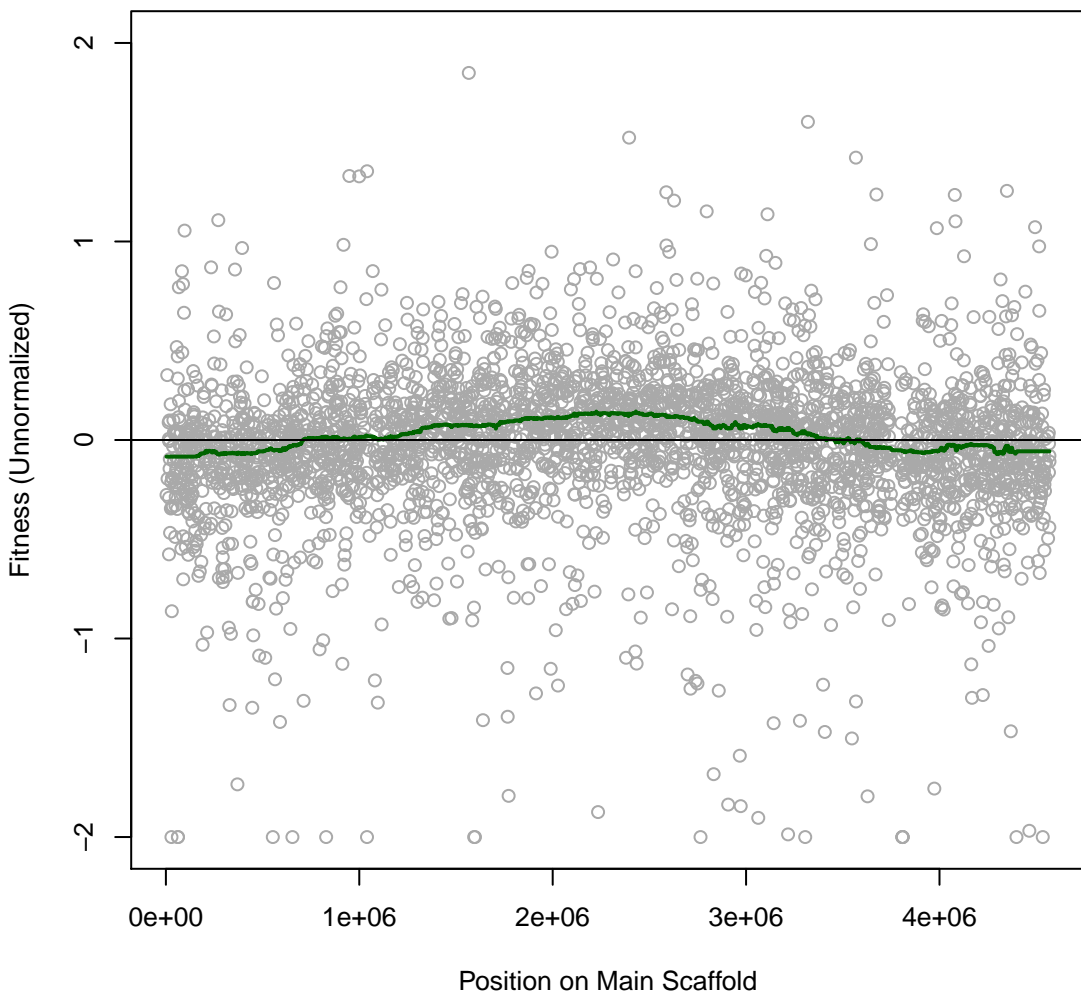
Time0



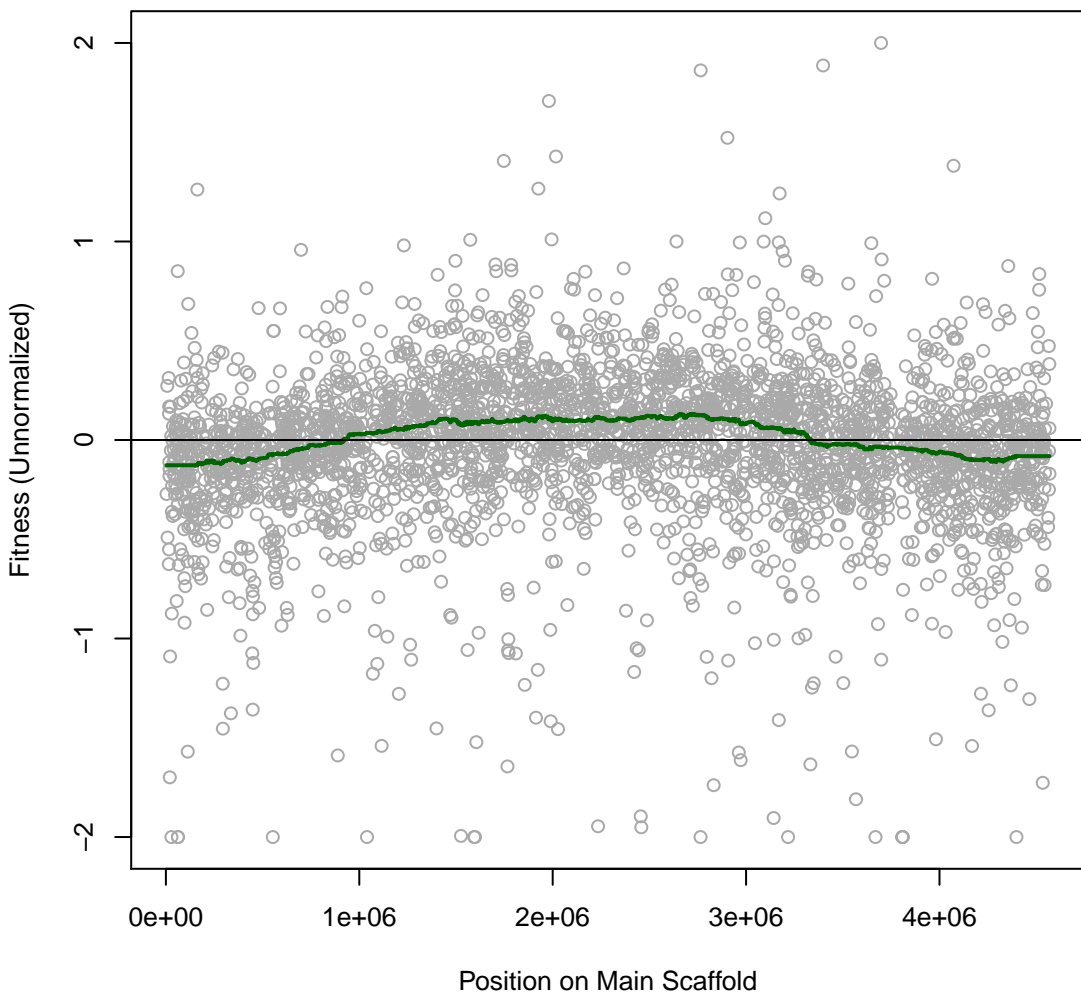
psRCH2 11H33 #144 (gMed=343 rho12=0.105)
LB



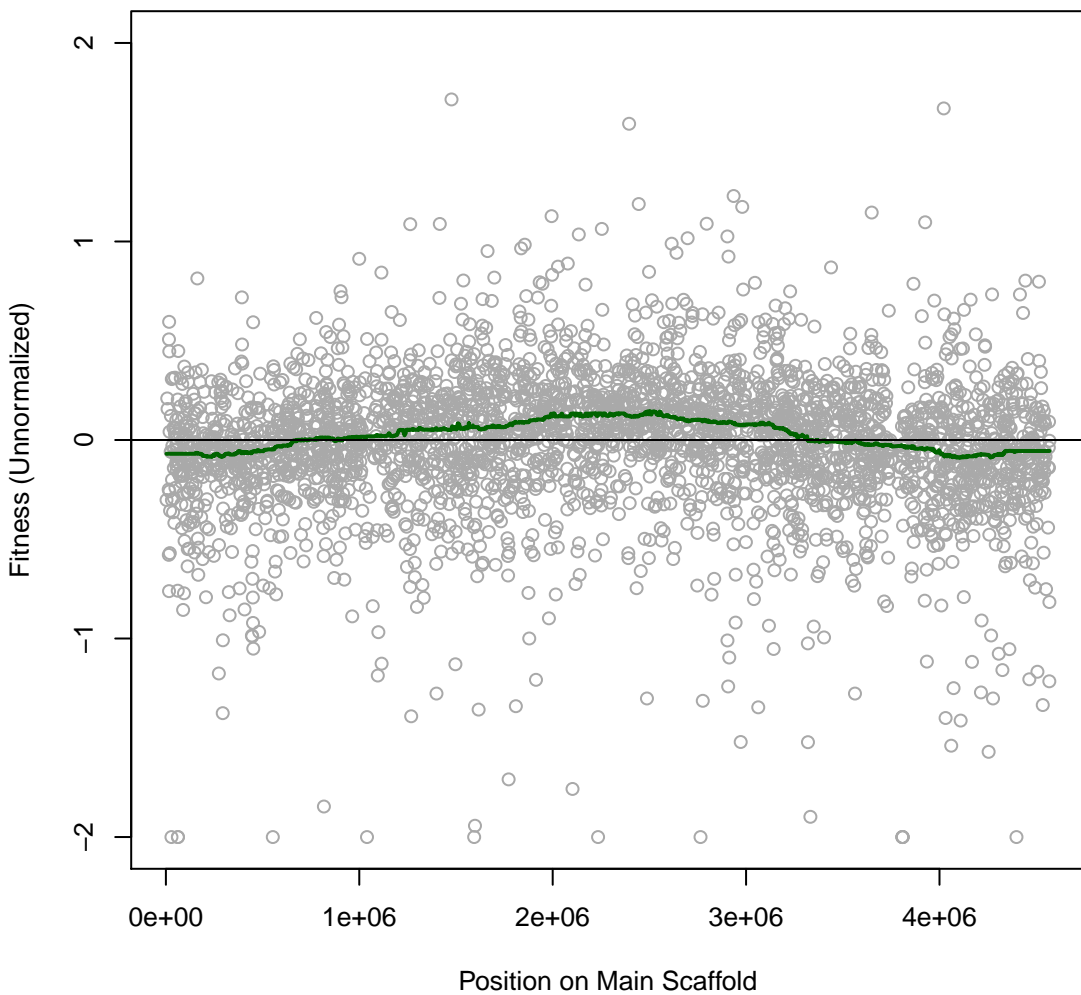
psRCH2 11H34 #145 (gMed=339 rho12=0.084)
LB



psRCH2 11H47 #146 (gMed=472 rho12=0.100)
LB

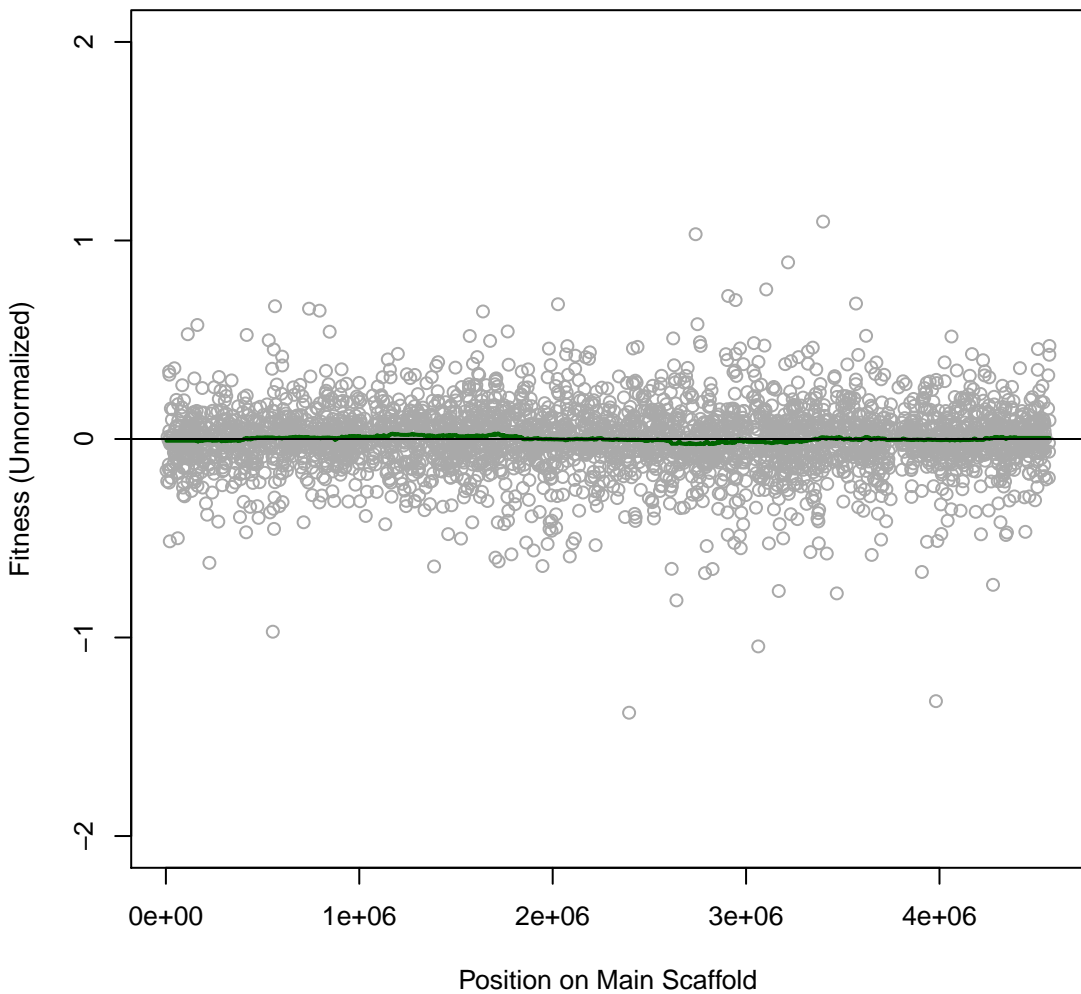


psRCH2 11H48 #147 (gMed=441 rho12=0.041)
LB



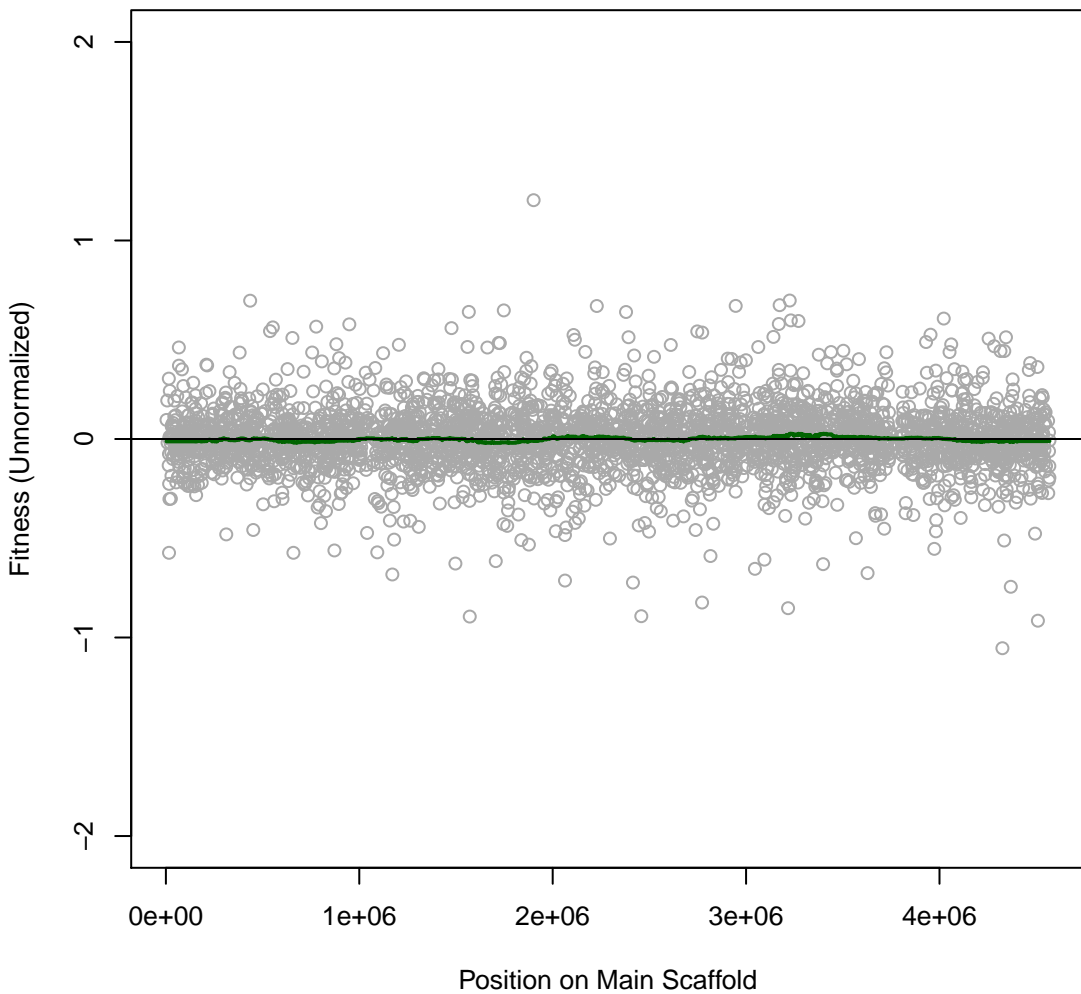
psRCH2 12H1 #148 (gMed=319 rho12=0.044)

Time0

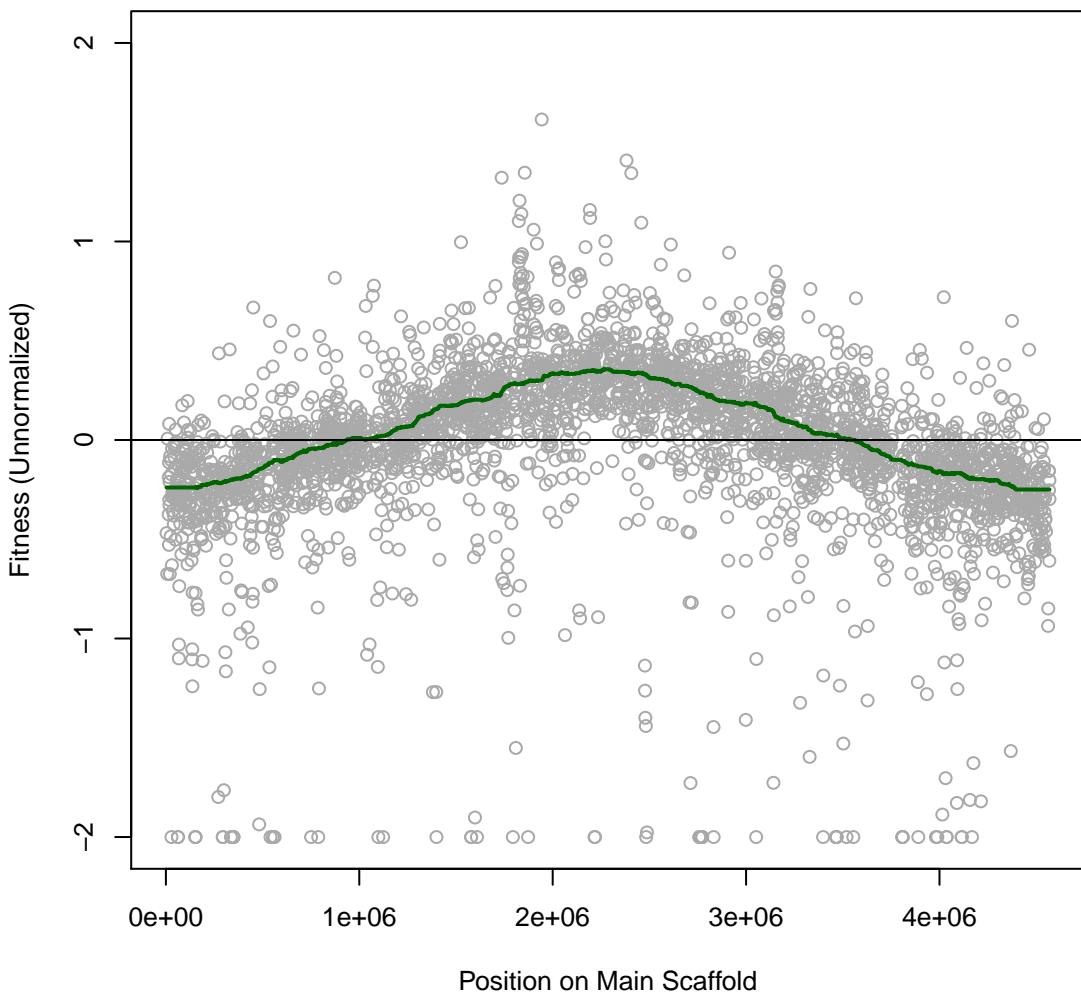


psRCH2 12H2 #149 (gMed=368 rho12=0.052)

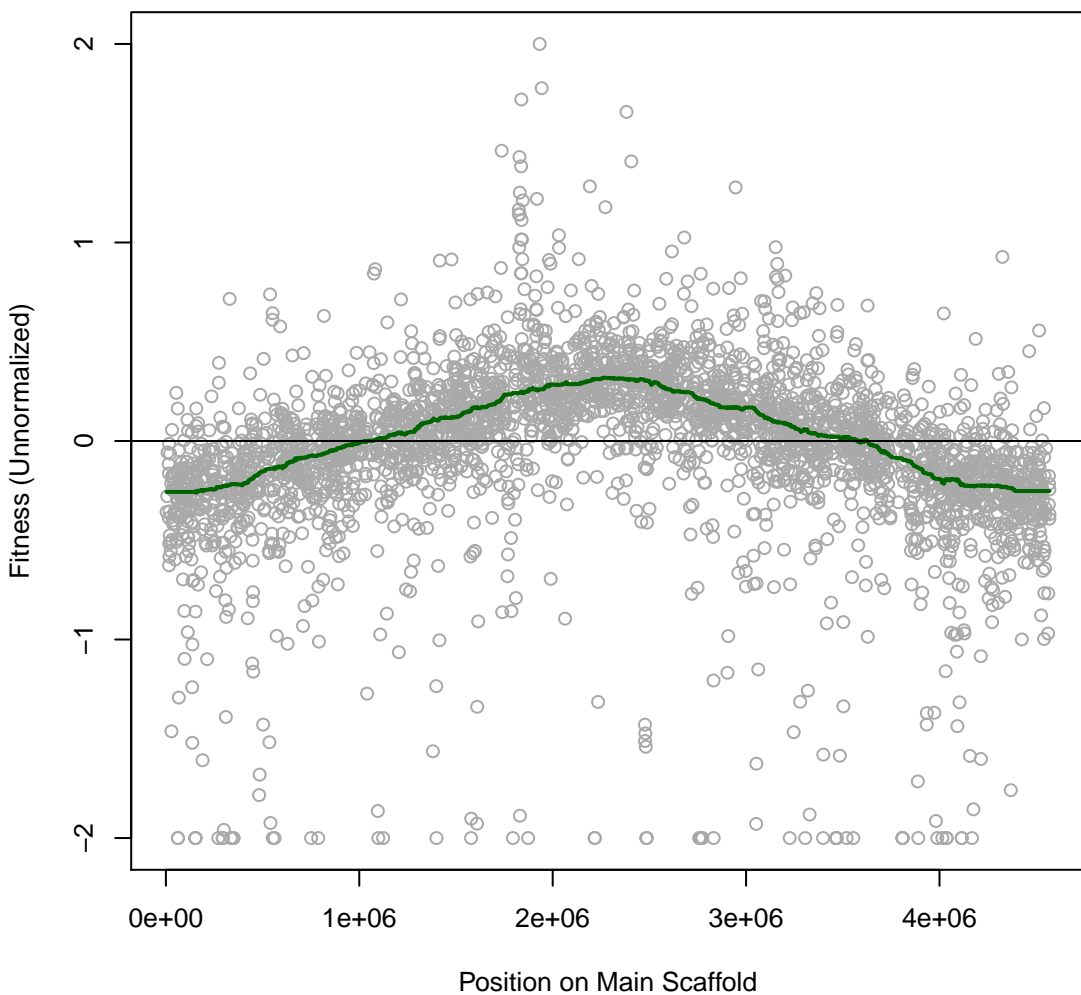
Time0



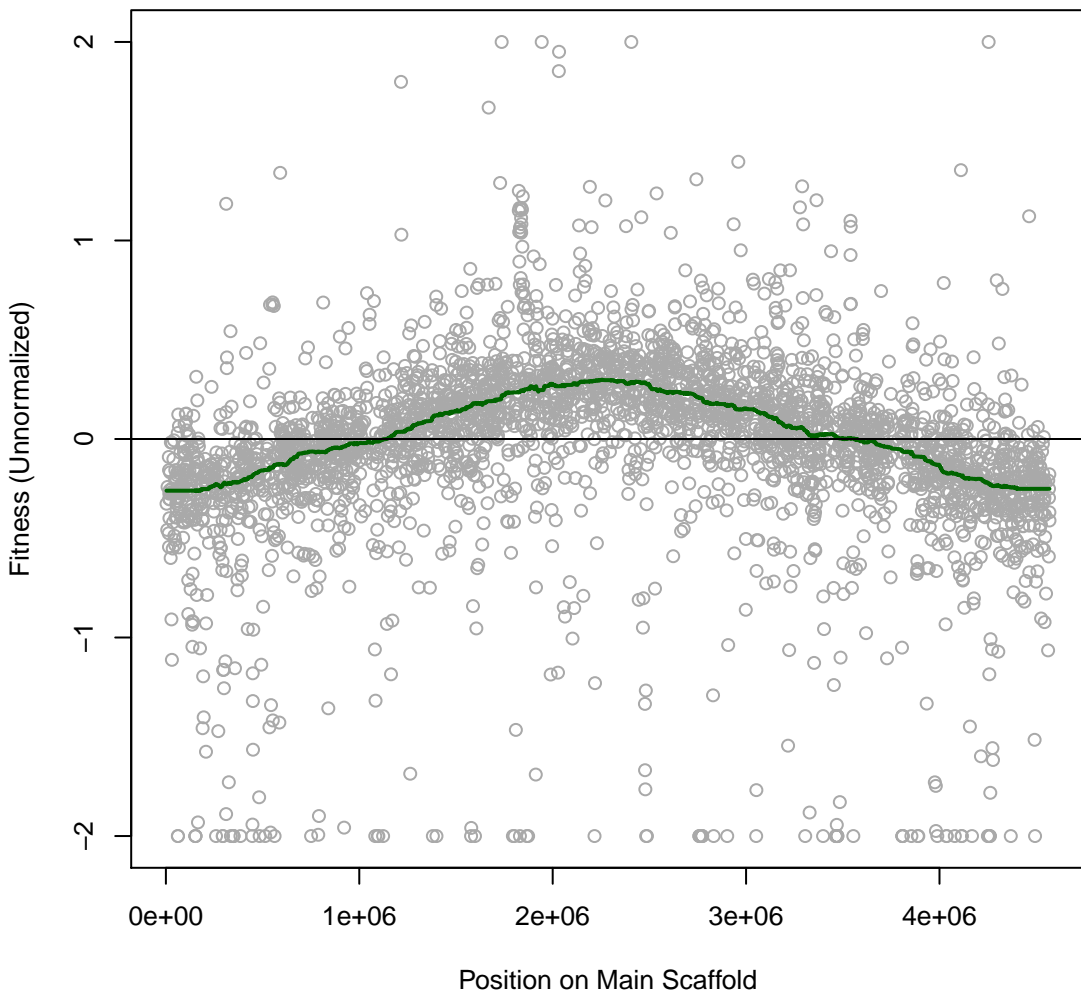
psRCH2 12H3 #150 (gMed=377 rho12=0.220)
L-Malic (C)



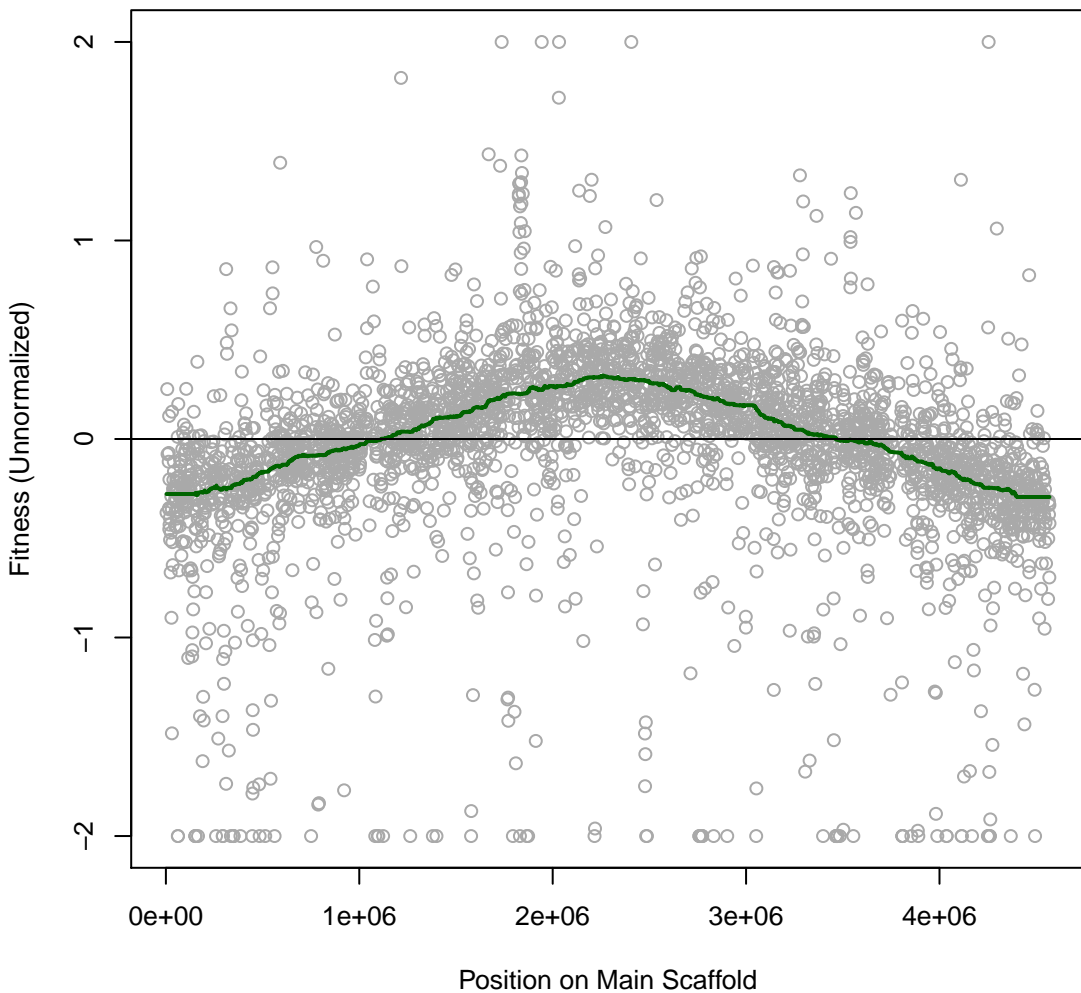
psRCH2 12H4 #151 (gMed=294 rho12=0.244)
L-Malic (C)



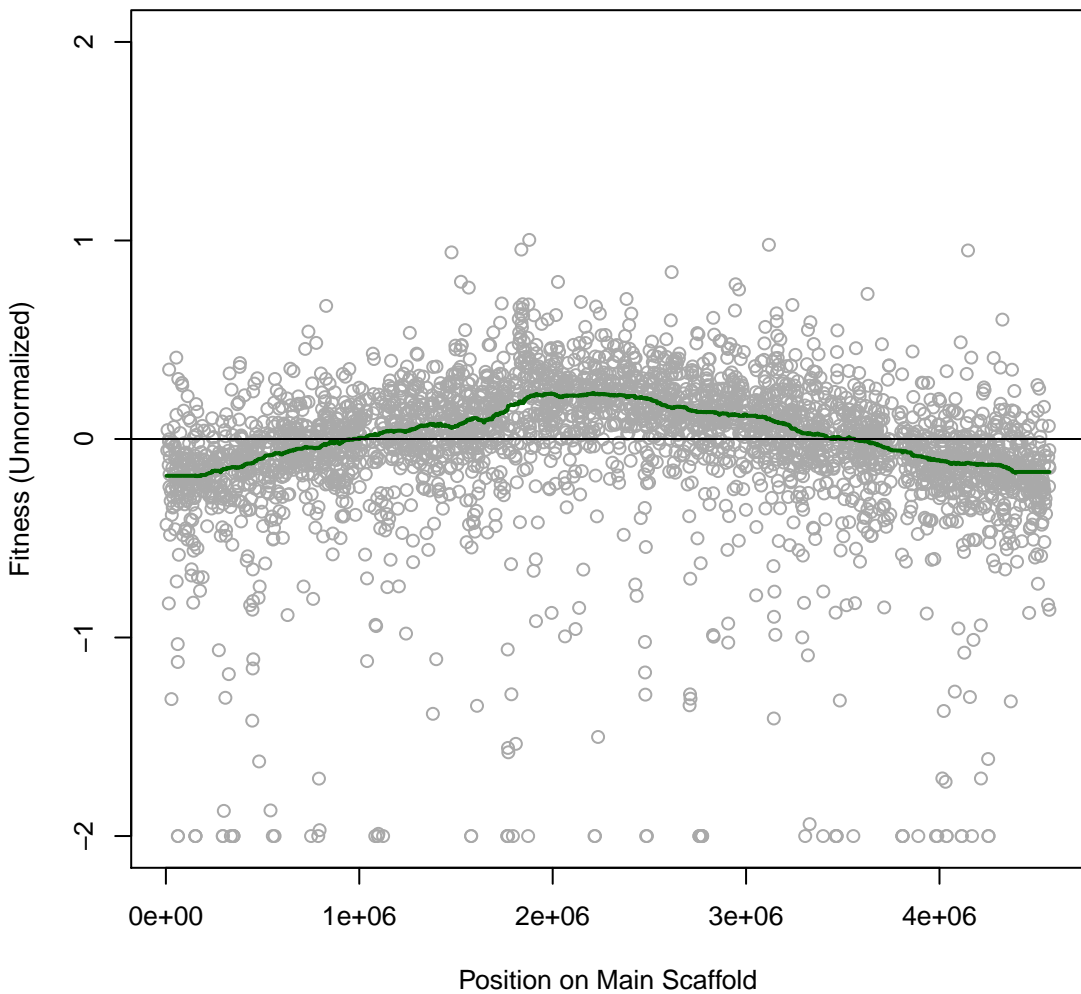
psRCH2 12H5 #152 (gMed=350 rho12=0.328)
L-Glutamic (C)



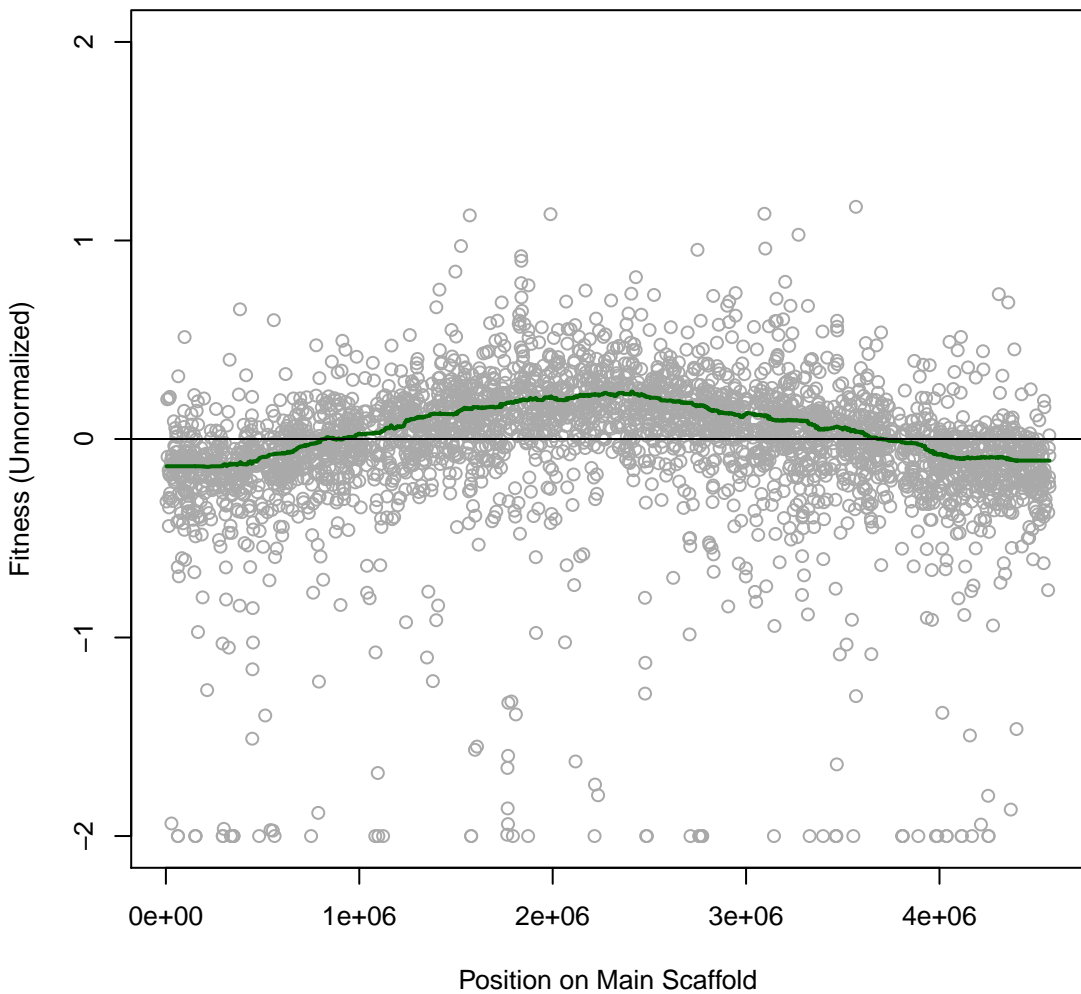
psRCH2 12H6 #153 (gMed=305 rho12=0.326)
L-Glutamic (C)



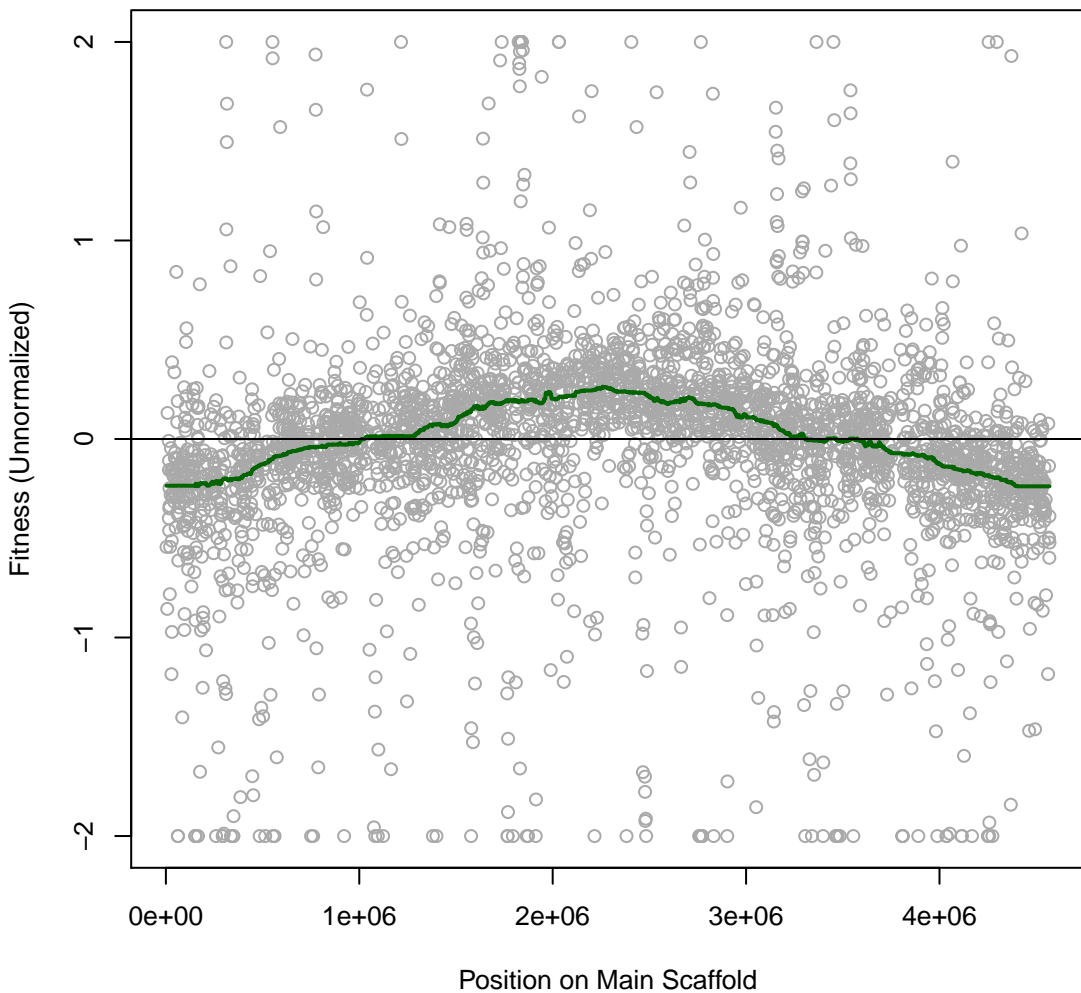
psRCH2 12H7 #154 (gMed=348 rho12=0.199)
L-Asparagine (C)



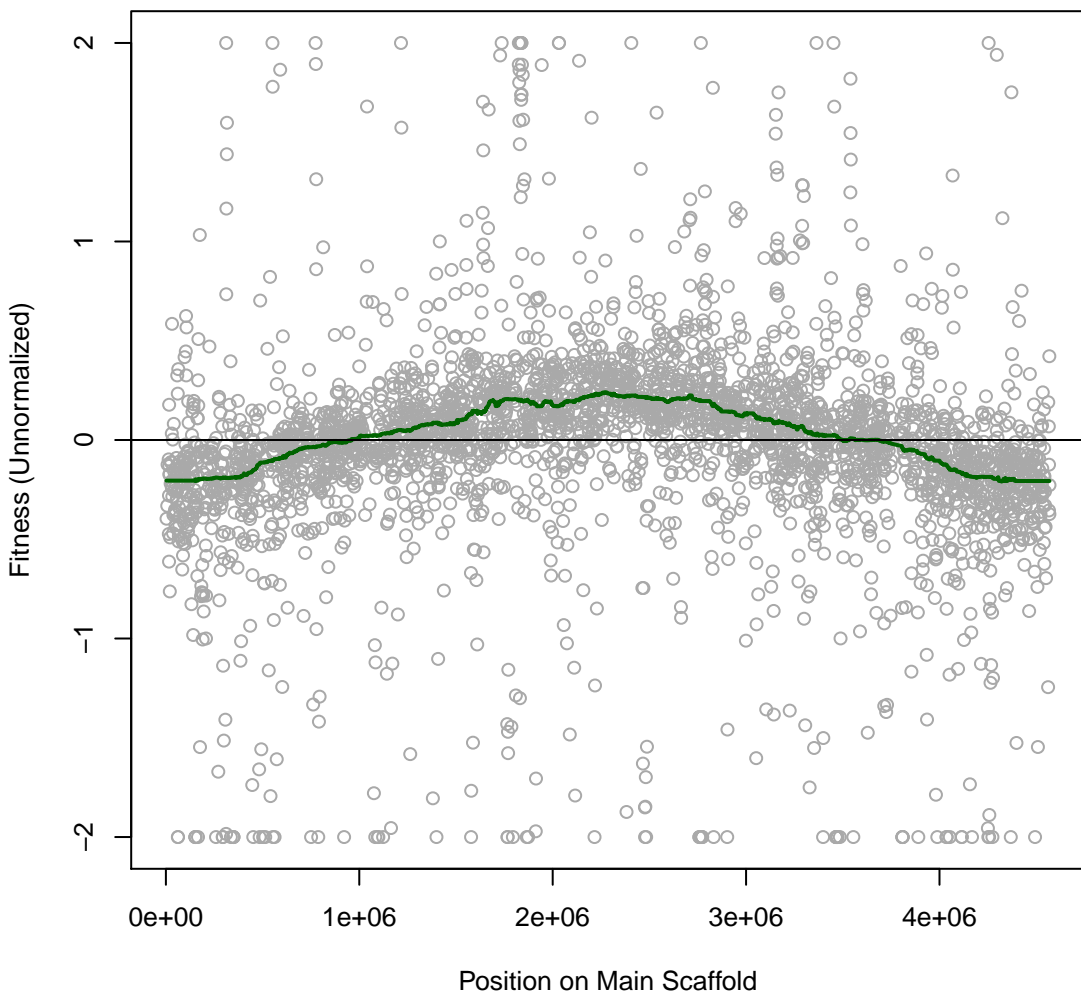
psRCH2 12H8 #155 (gMed=399 rho12=0.212)
L-Asparagine (C)



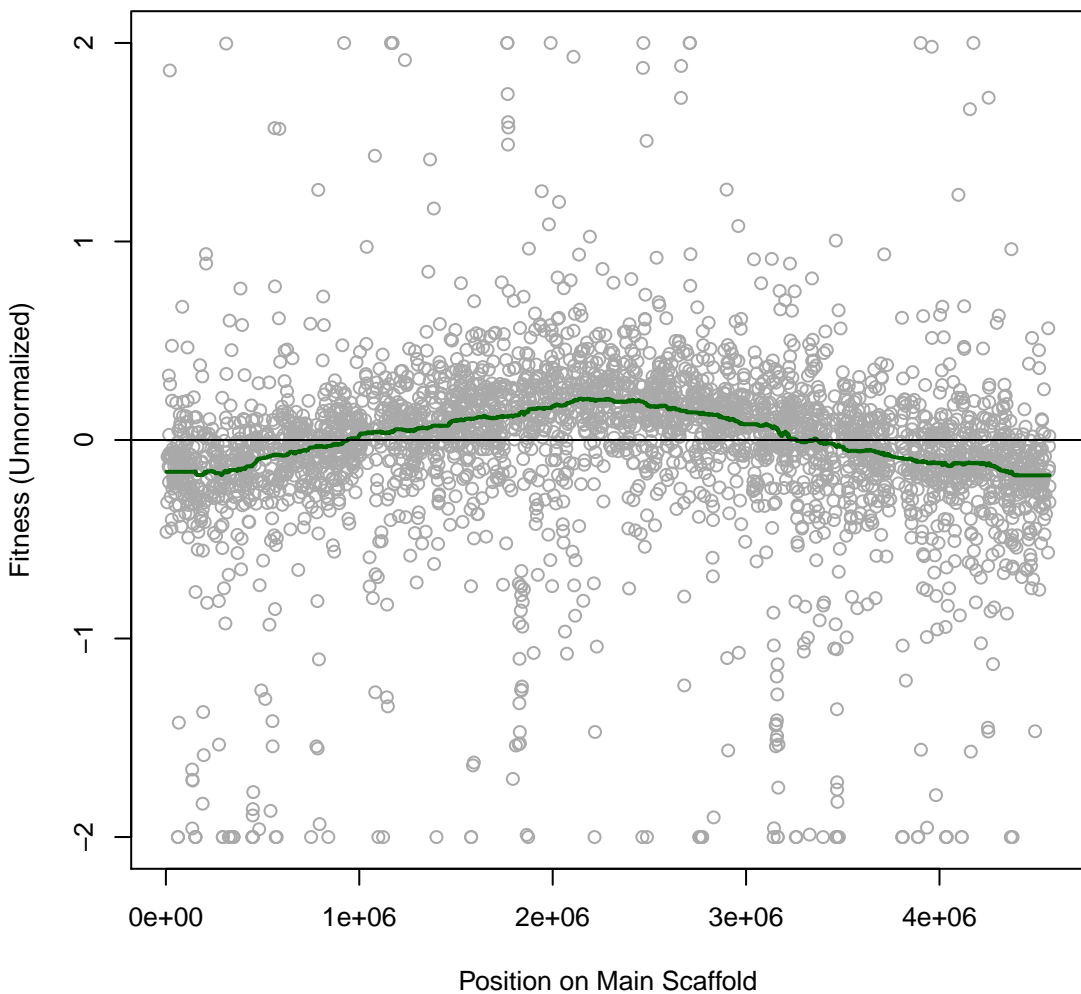
psRCH2 12H9 #156 (gMed=205 rho12=0.368)
L-Glutamine (C)



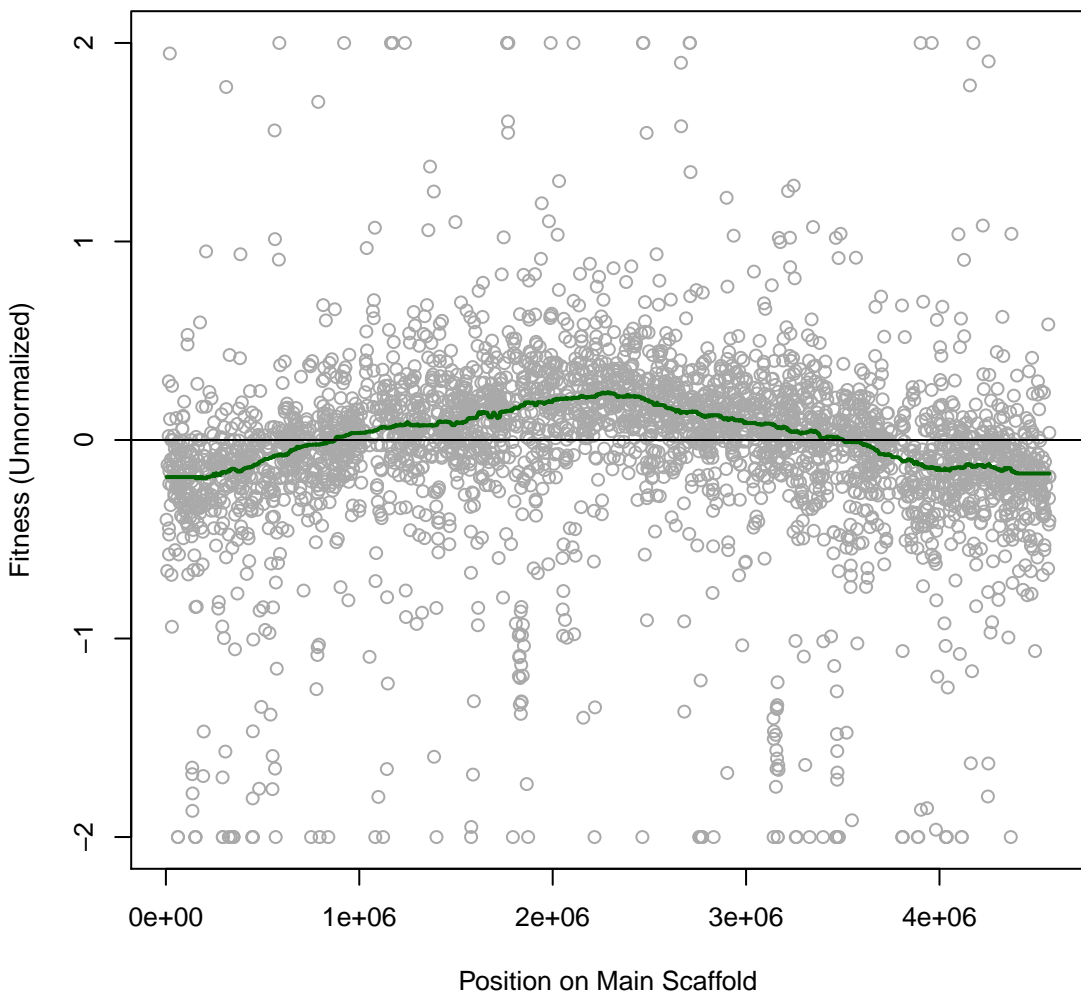
psRCH2 12H10 #157 (gMed=340 rho12=0.403)
L-Glutamine (C)



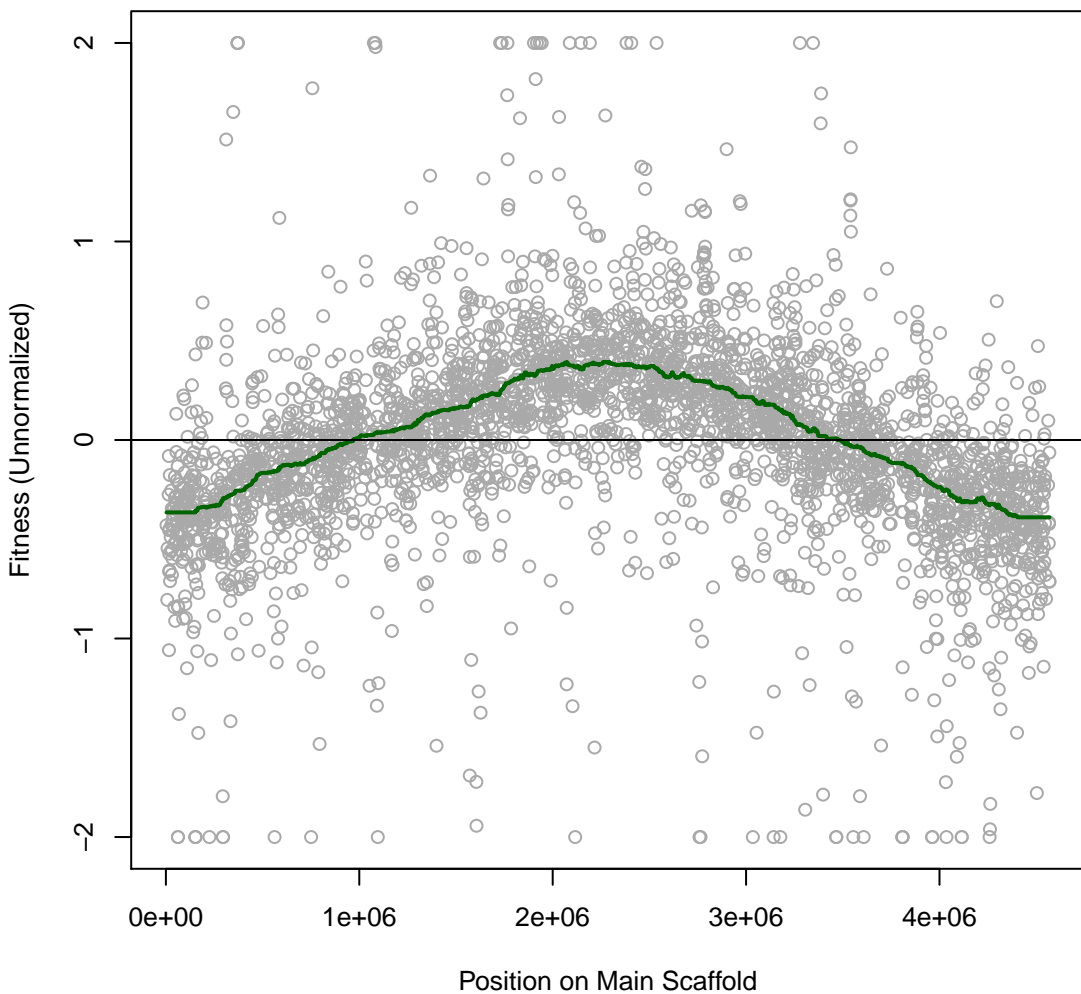
psRCH2 12H11 #158 (gMed=365 rho12=0.325)
L-Proline (C)



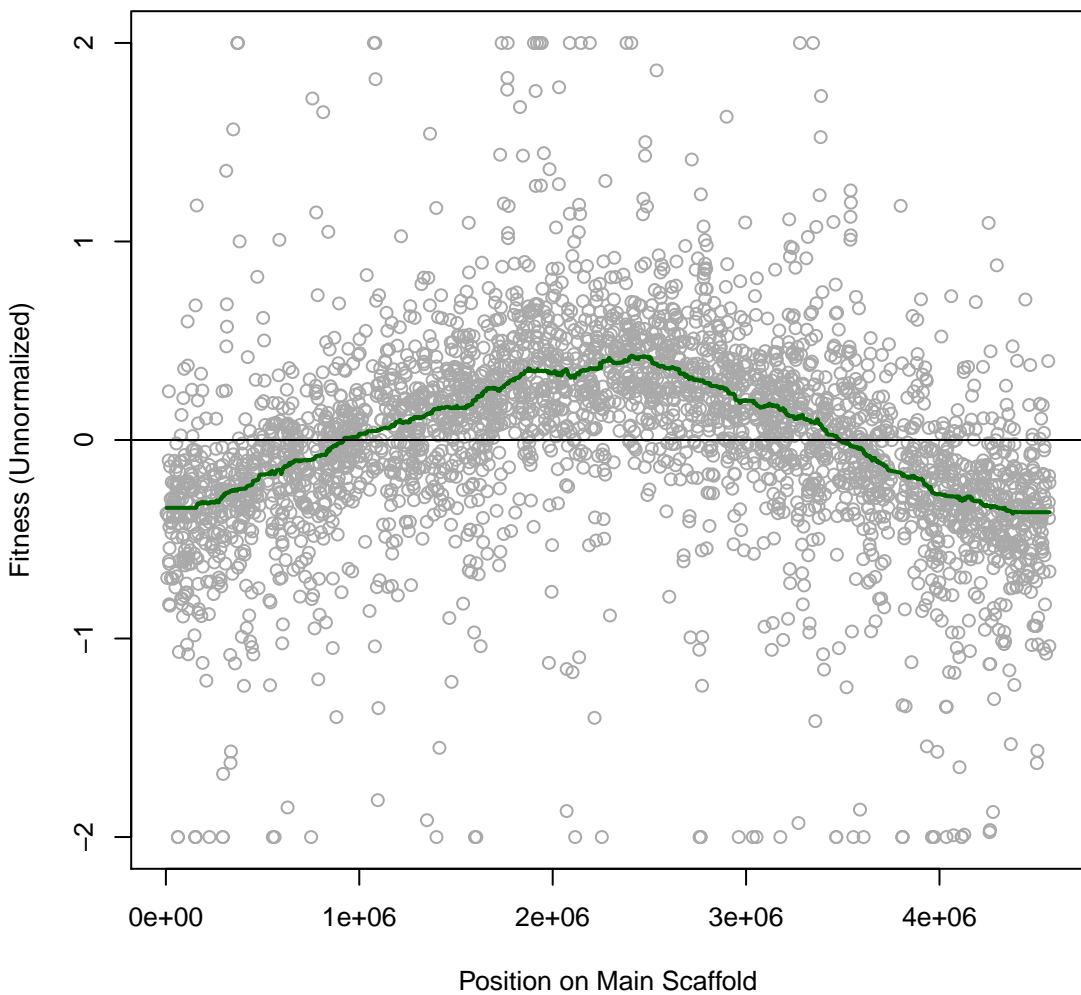
psRCH2 12H12 #159 (gMed=331 rho12=0.392)
L-Proline (C)



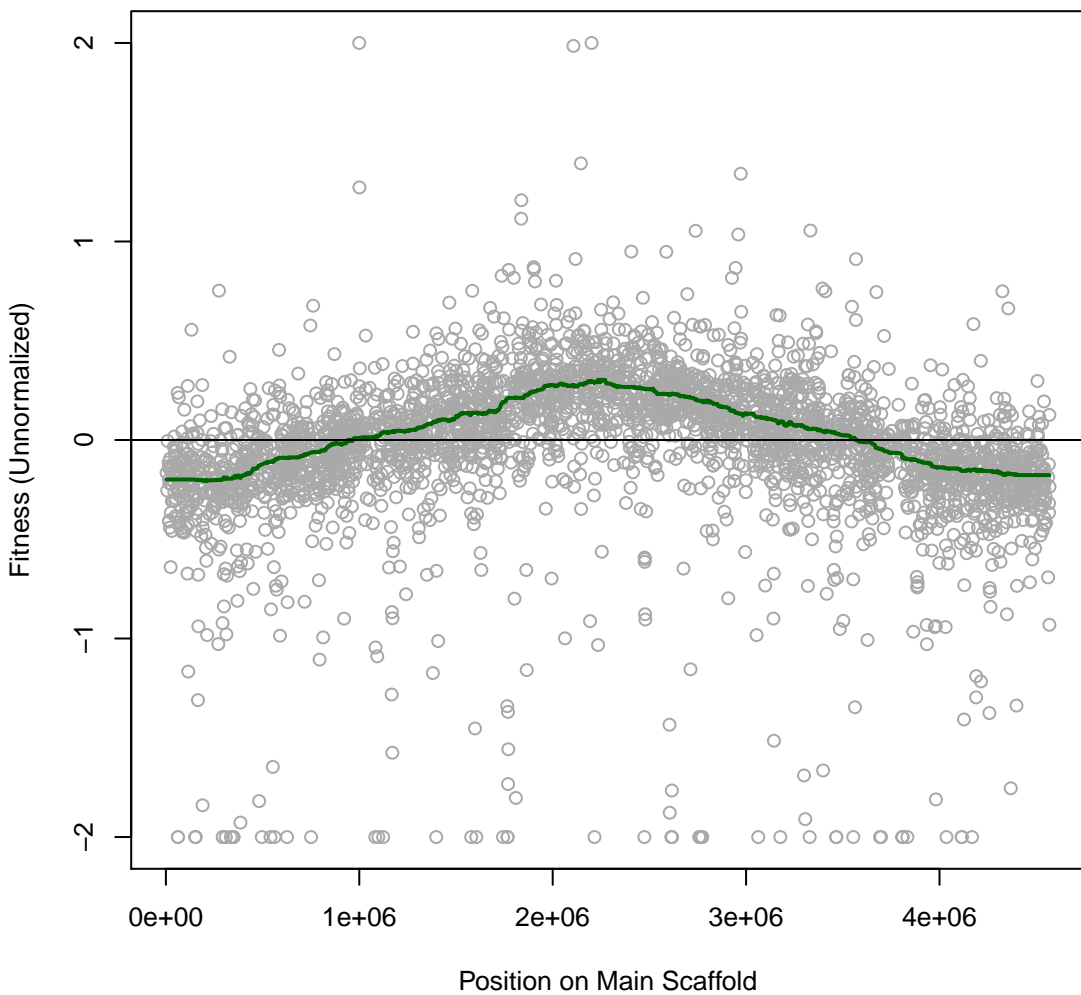
psRCH2 12H13 #160 (gMed=274 rho12=0.248)
L-Alanine (C)



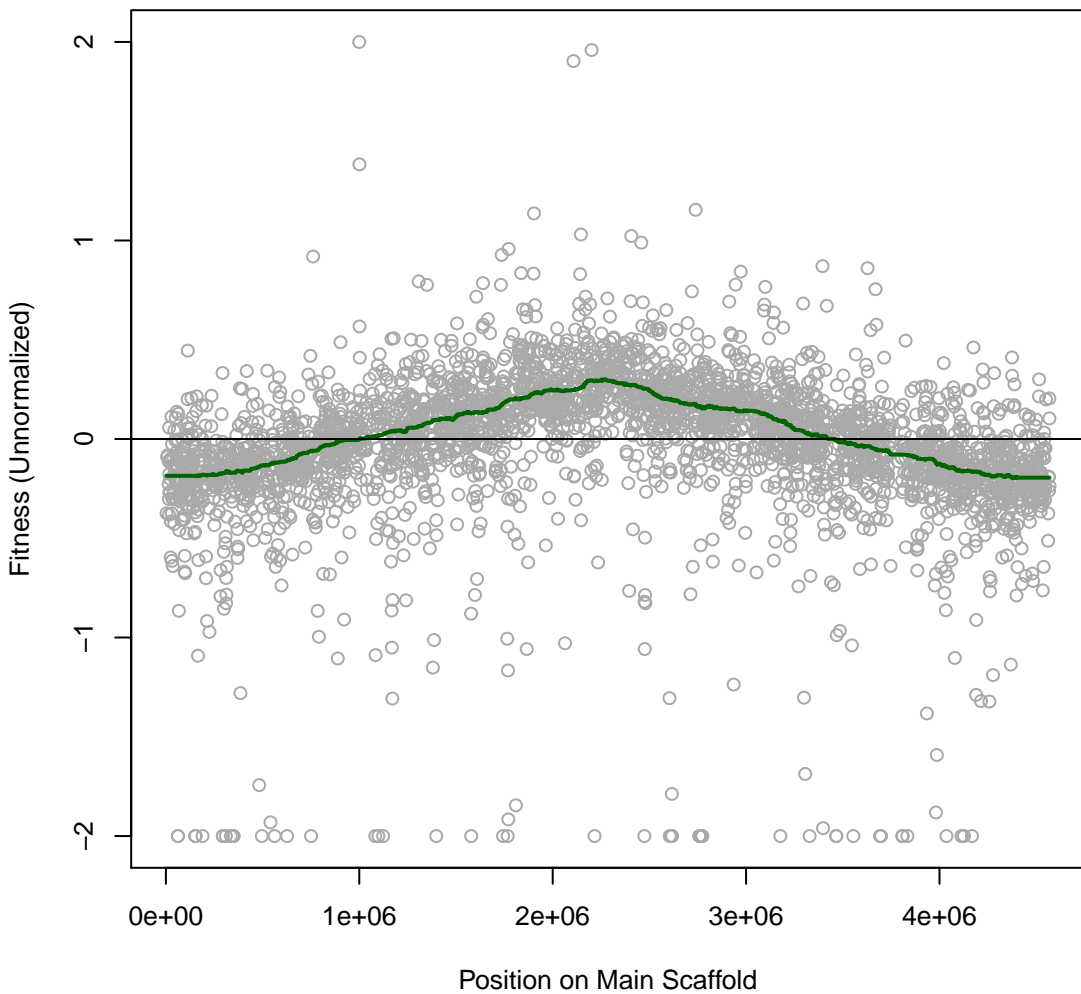
psRCH2 12H14 #161 (gMed=163 rho12=0.248)
L-Alanine (C)



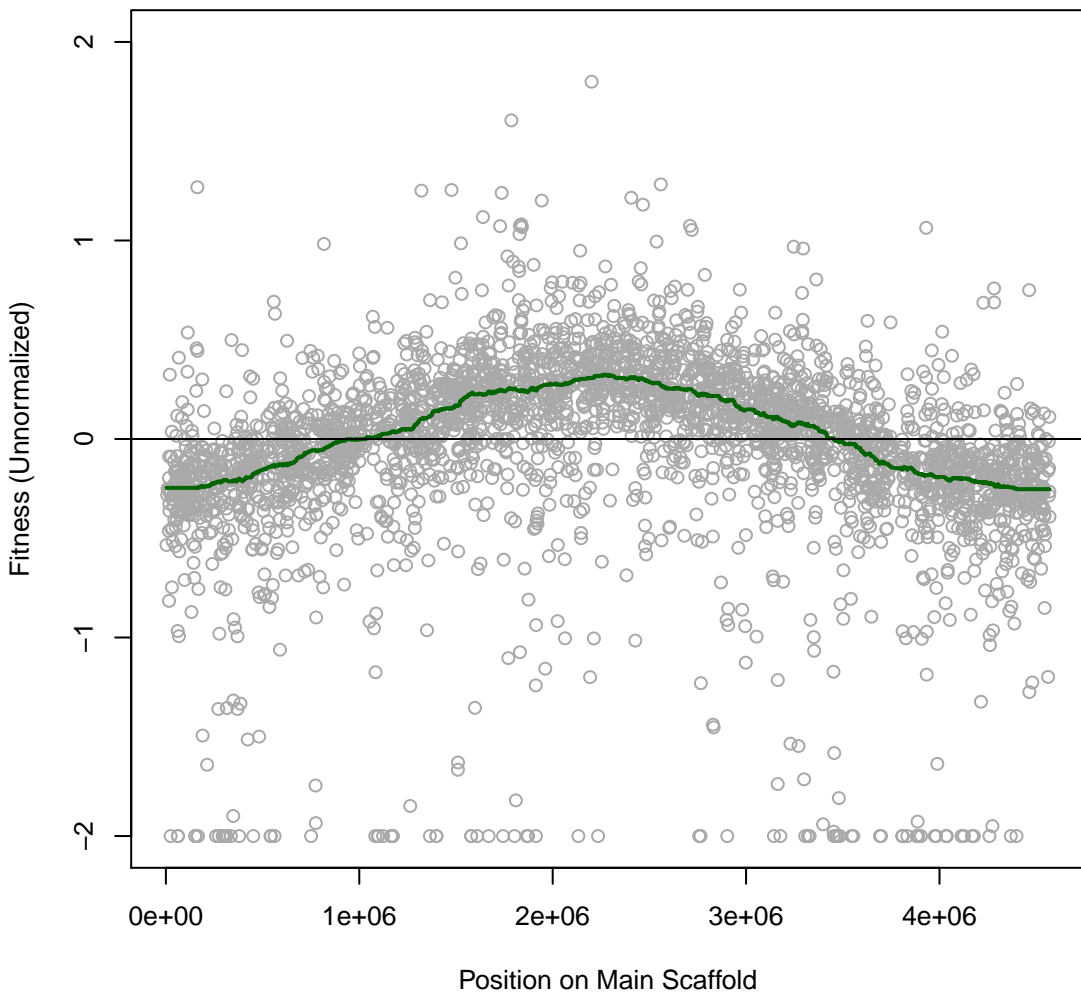
psRCH2 12H15 #162 (gMed=355 rho12=0.192)
L-Isoleucine (C)



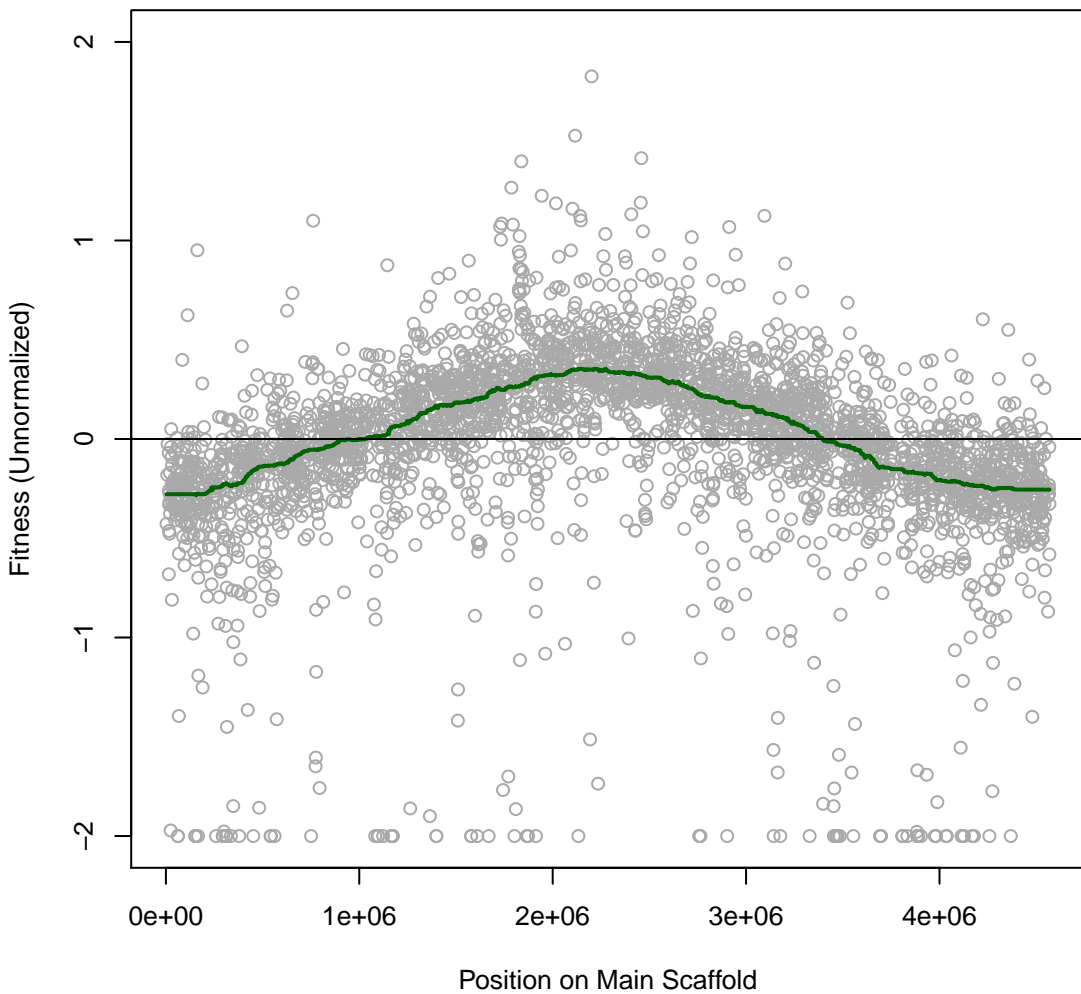
psRCH2 12H16 #163 (gMed=380 rho12=0.175)
L-Isoleucine (C)



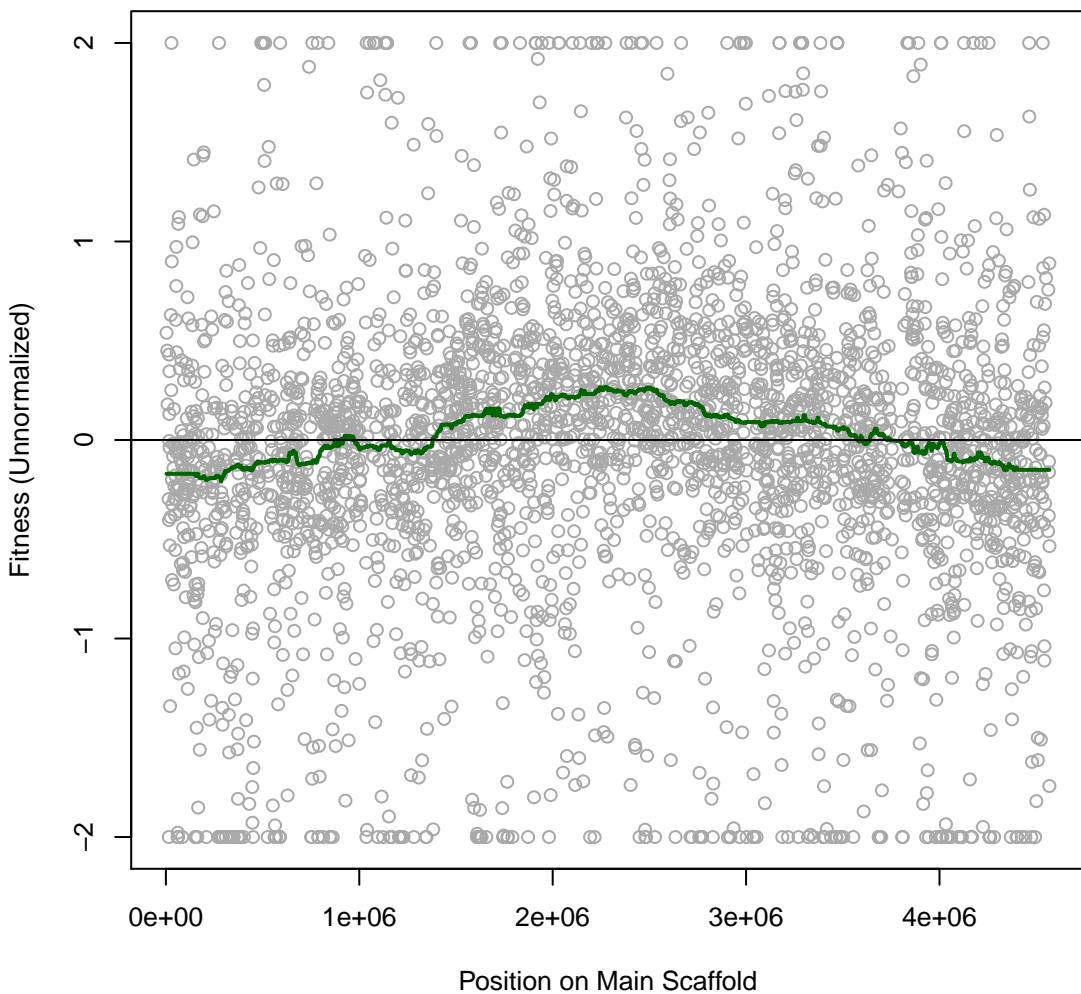
psRCH2 12H17 #164 (gMed=365 rho12=0.296)
L-Leucine (C)



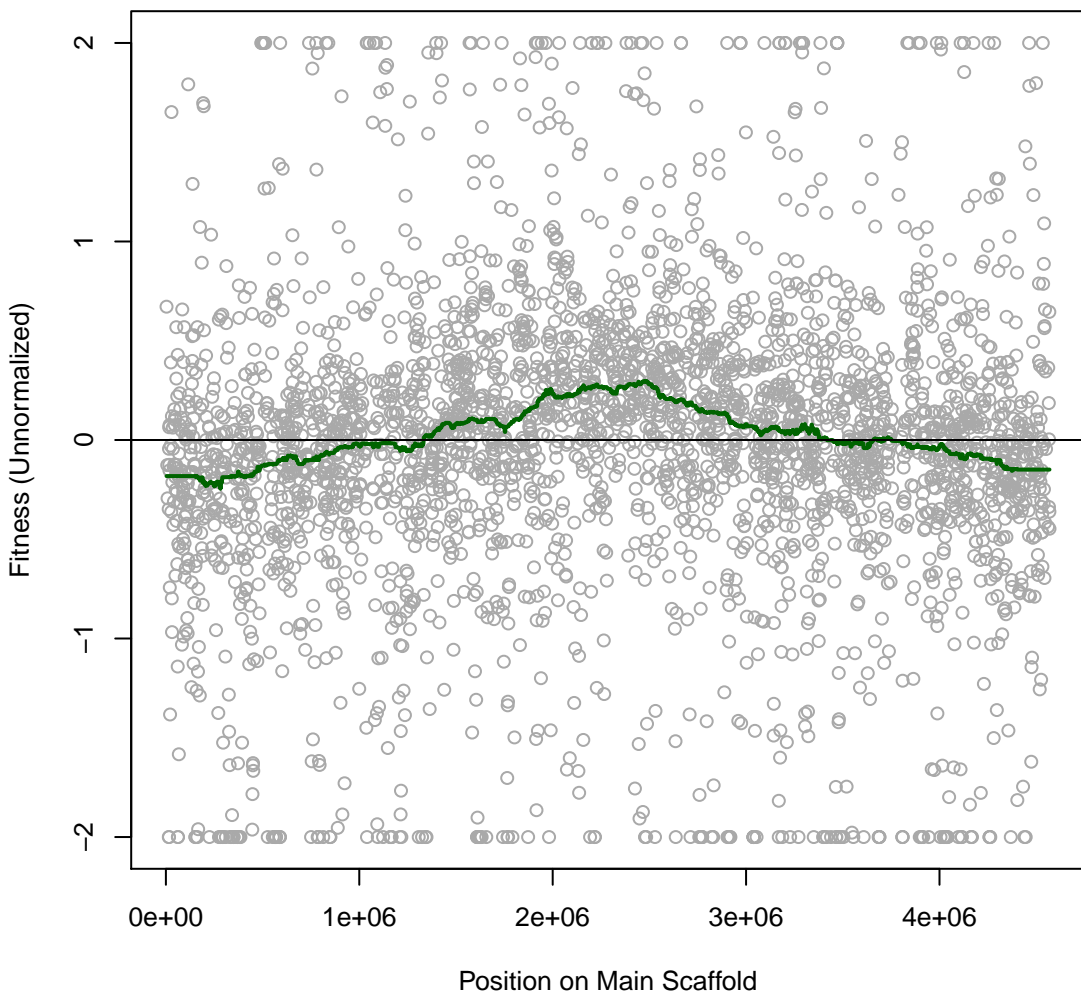
psRCH2 12H18 #165 (gMed=403 rho12=0.292)
L-Leucine (C)



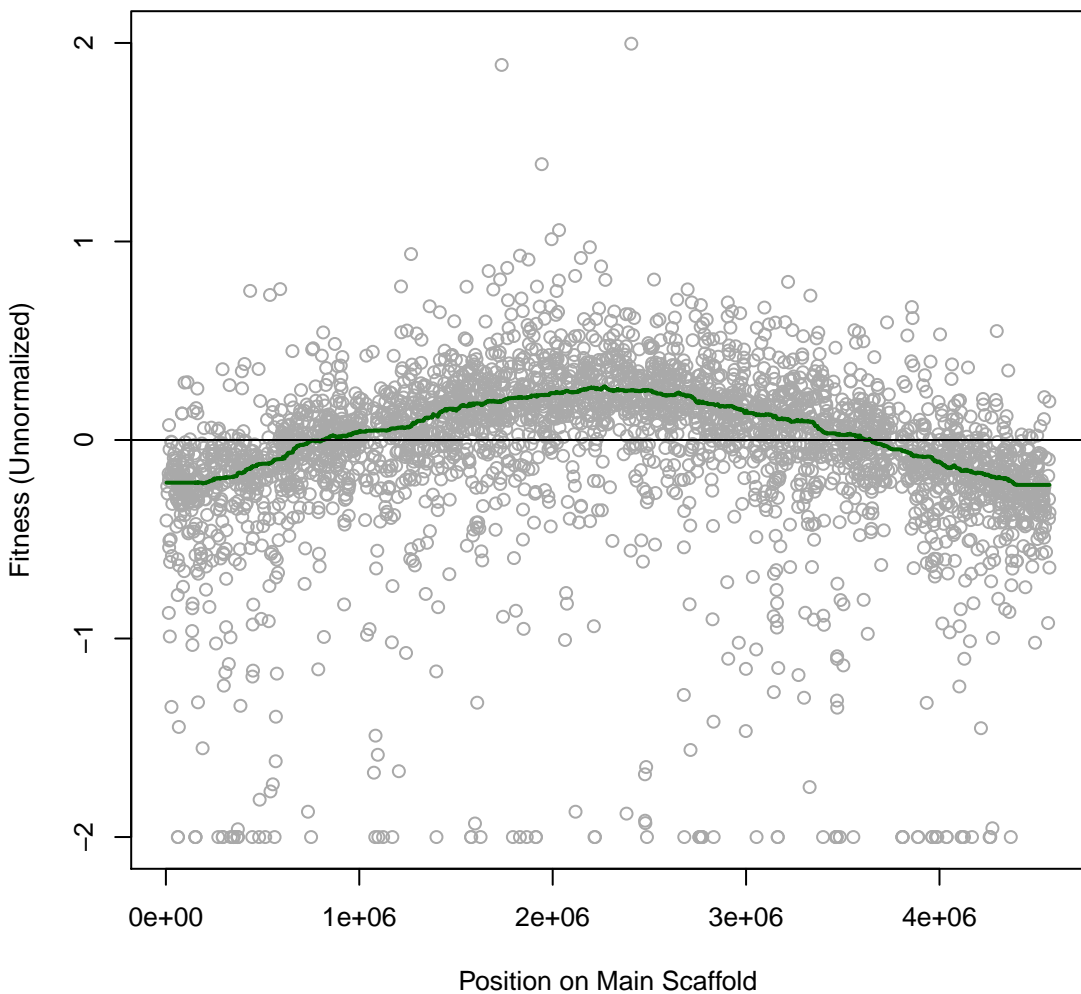
psRCH2 12H19 #166 (gMed=227 rho12=0.368)
L-tyrosine (C)



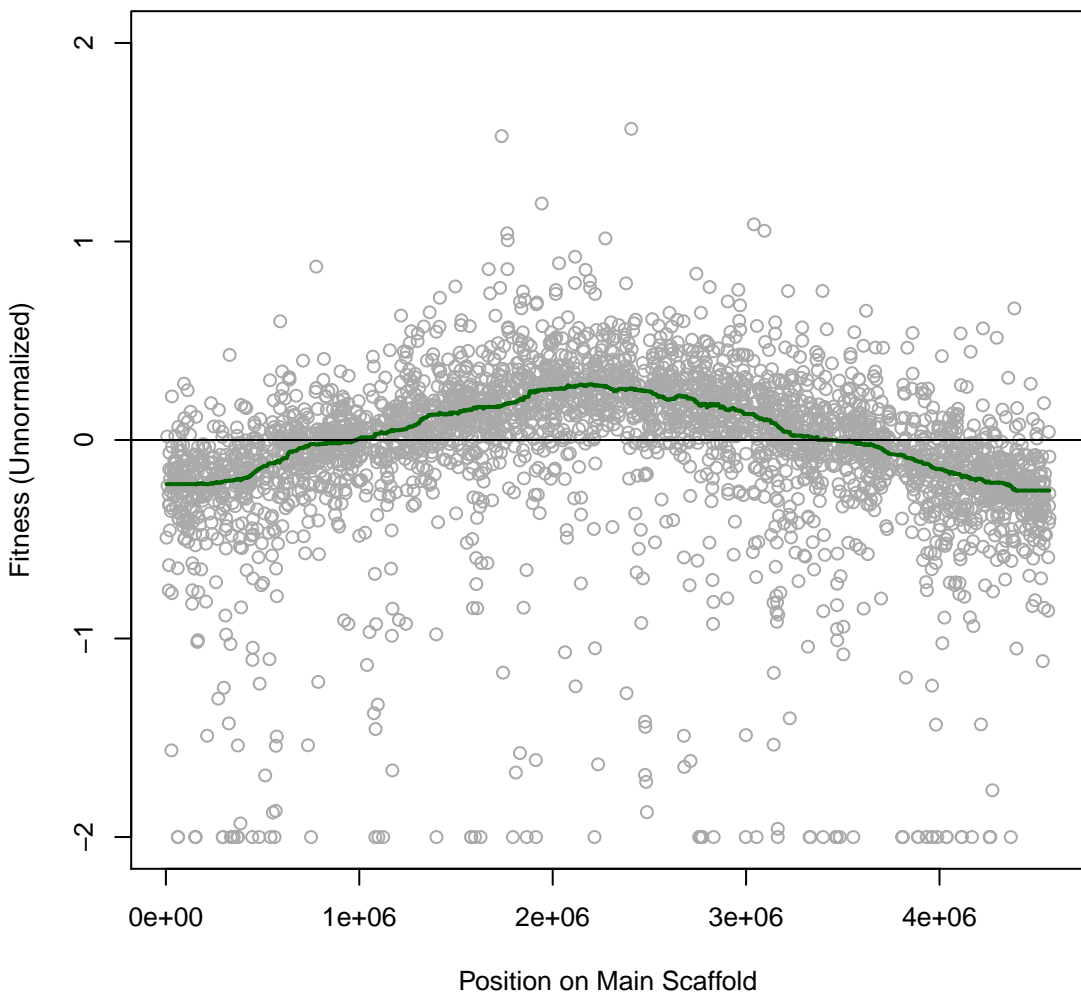
psRCH2 12H2O #167 (gMed=260 rho12=0.388)
L-tyrosine (C)



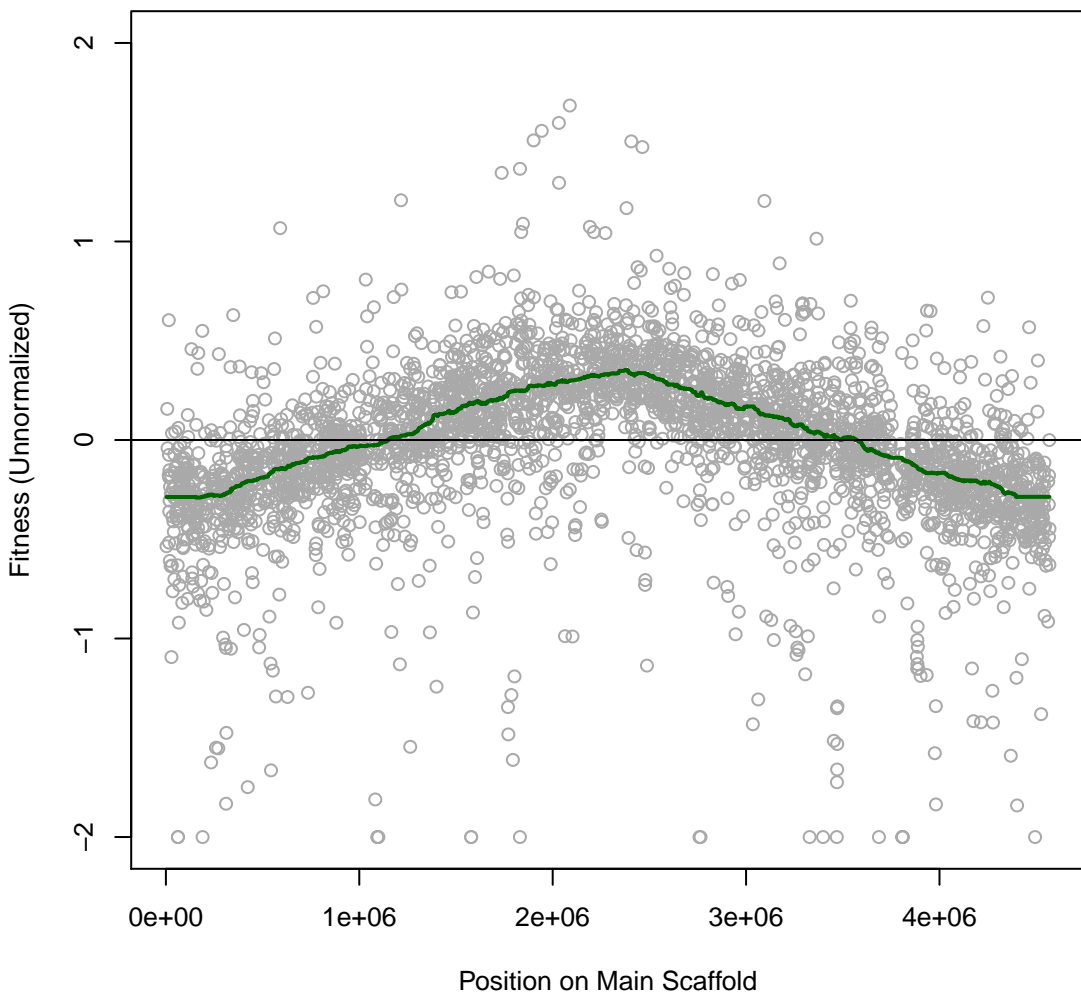
psRCH2 12H21 #168 (gMed=376 rho12=0.295)
D-Alanine (C)



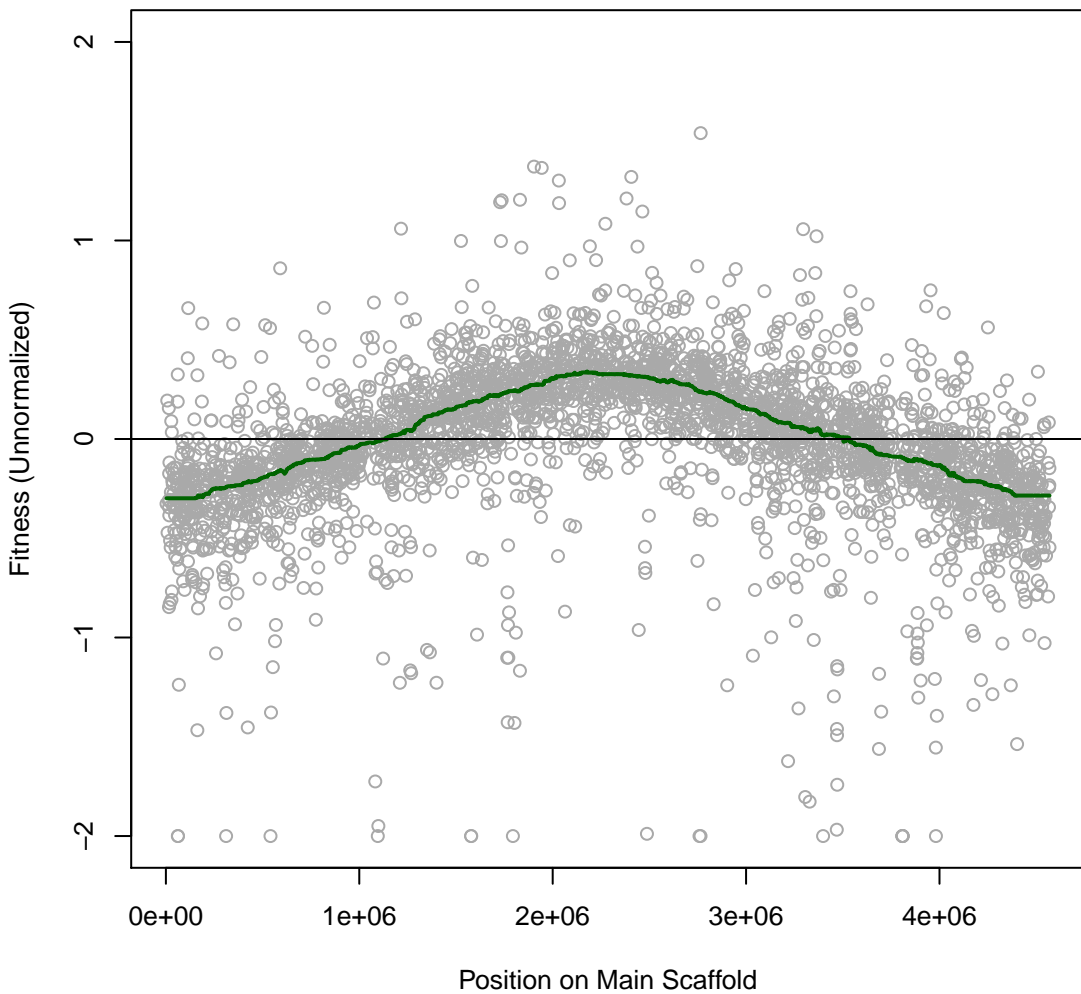
psRCH2 12H22 #169 (gMed=425 rho12=0.247)
D-Alanine (C)



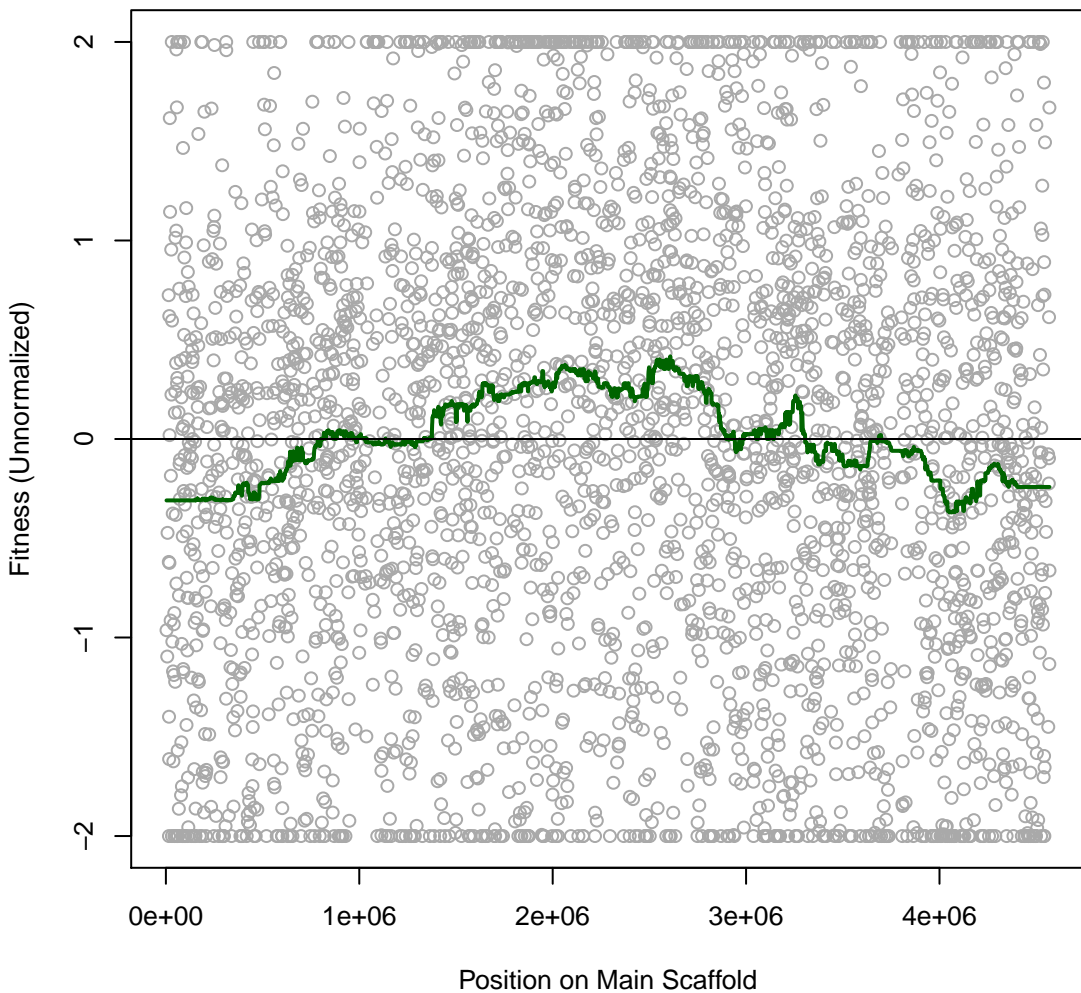
psRCH2 12H23 #170 (gMed=402 rho12=0.221)
casaminos (C)



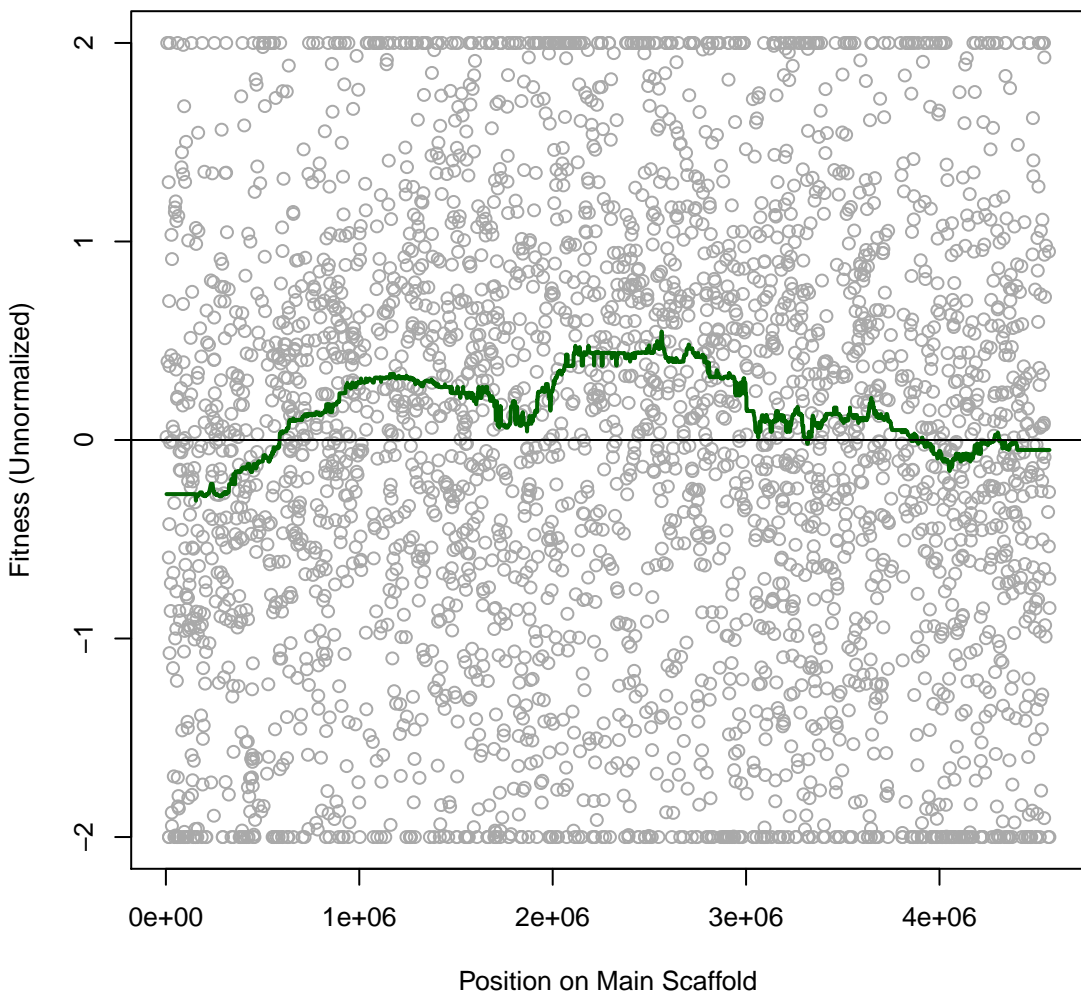
psRCH2 12H24 #171 (gMed=384 rho12=0.246)
casaminos (C)



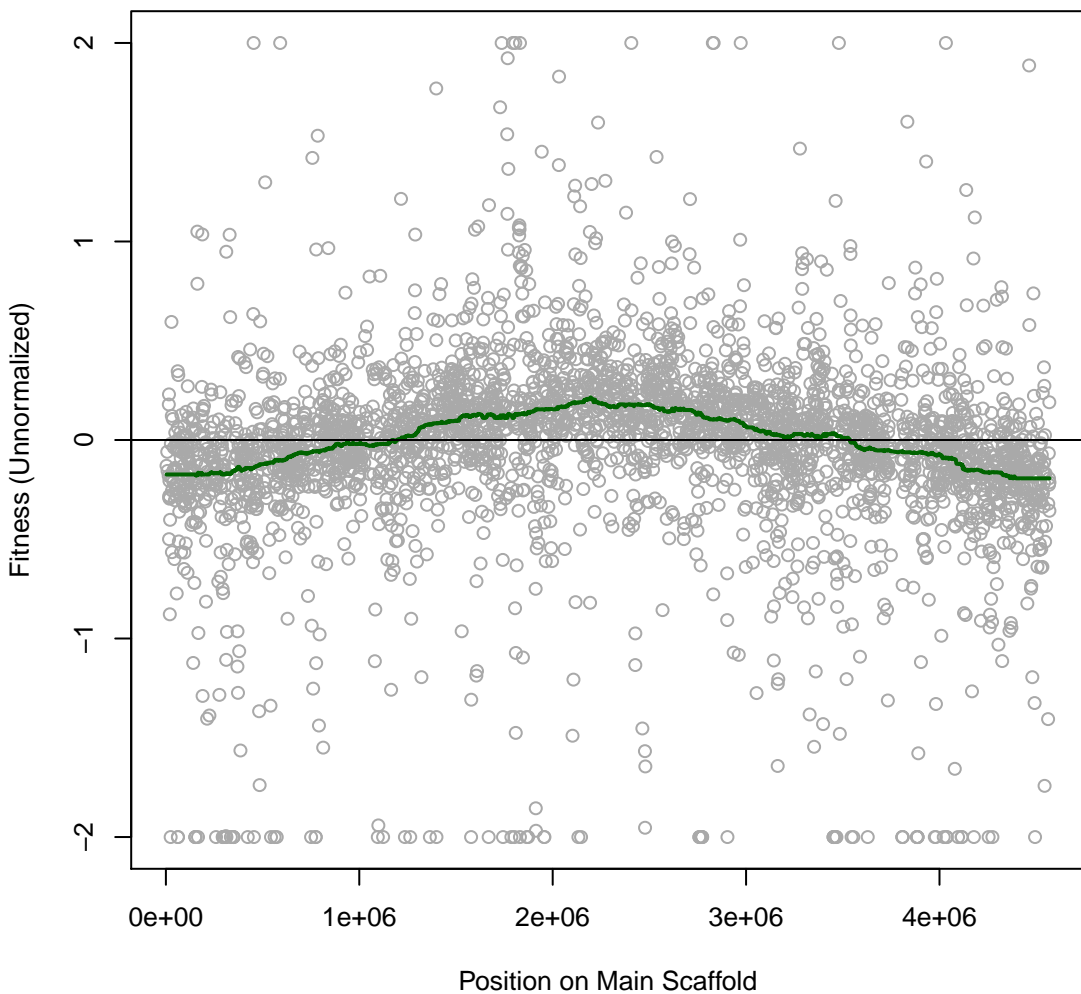
psRCH2 12H25 #172 (gMed=66 rho12=0.164)
octanoate (C)



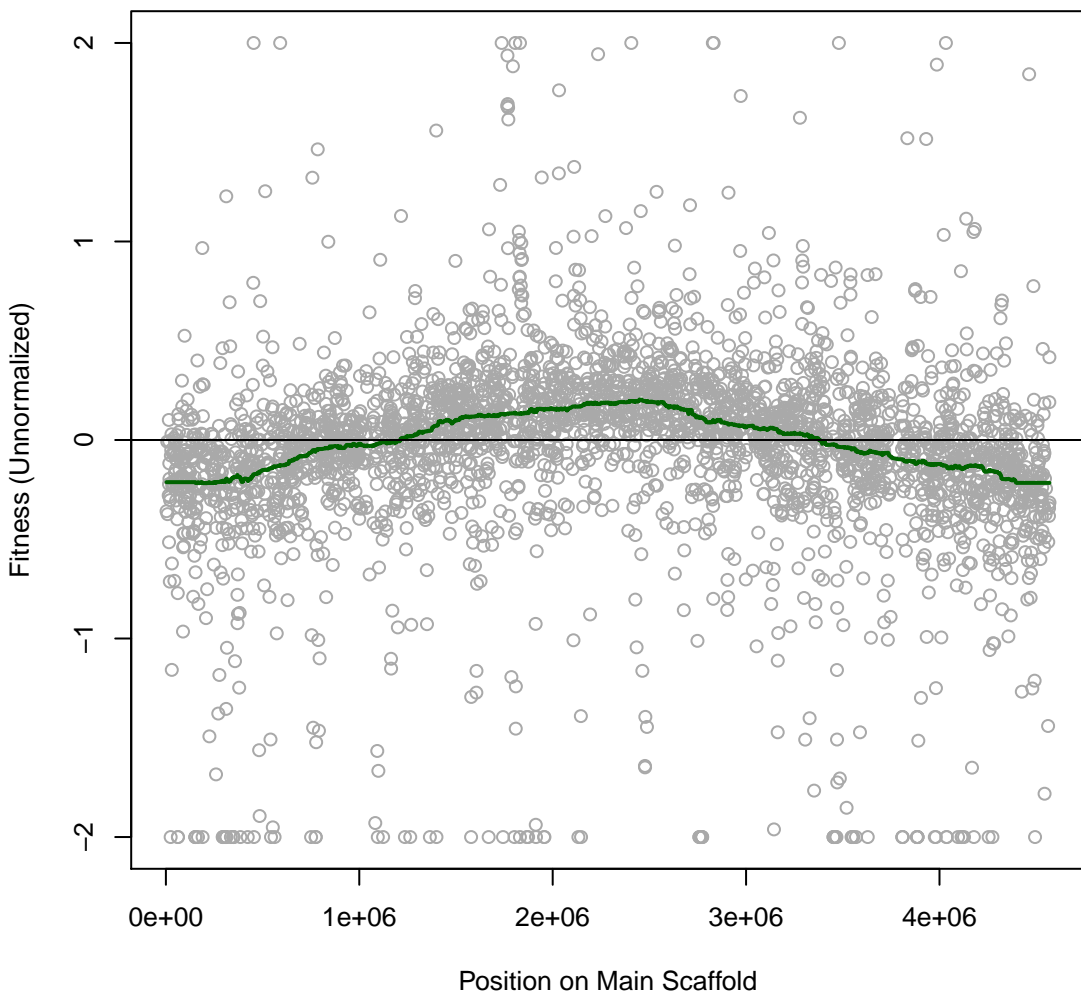
psRCH2 12H26 #173 (gMed=55 rho12=0.197)
octanoate (C)



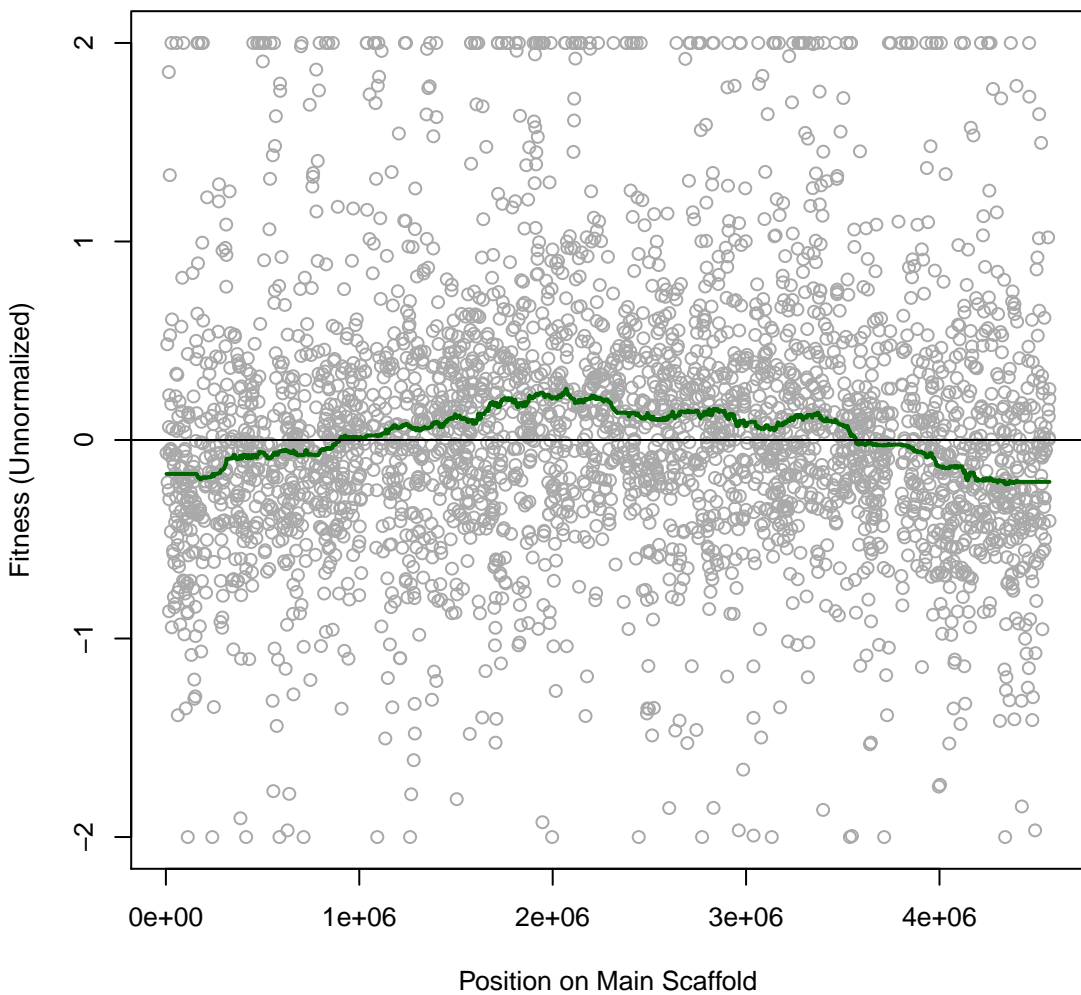
psRCH2 12H27 #174 (gMed=210 rho12=0.384)
butyrate (C)



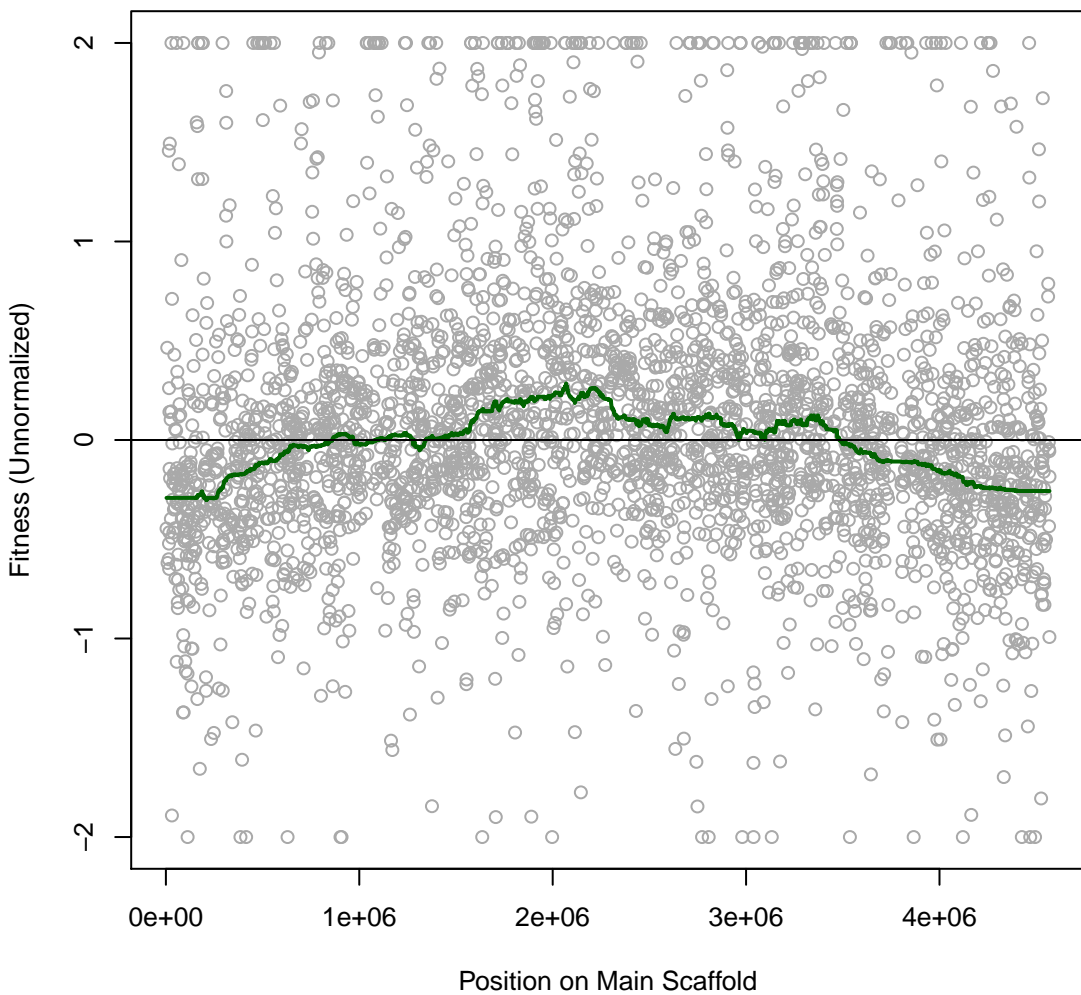
psRCH2 12H28 #175 (gMed=243 rho12=0.431)
butyrate (C)



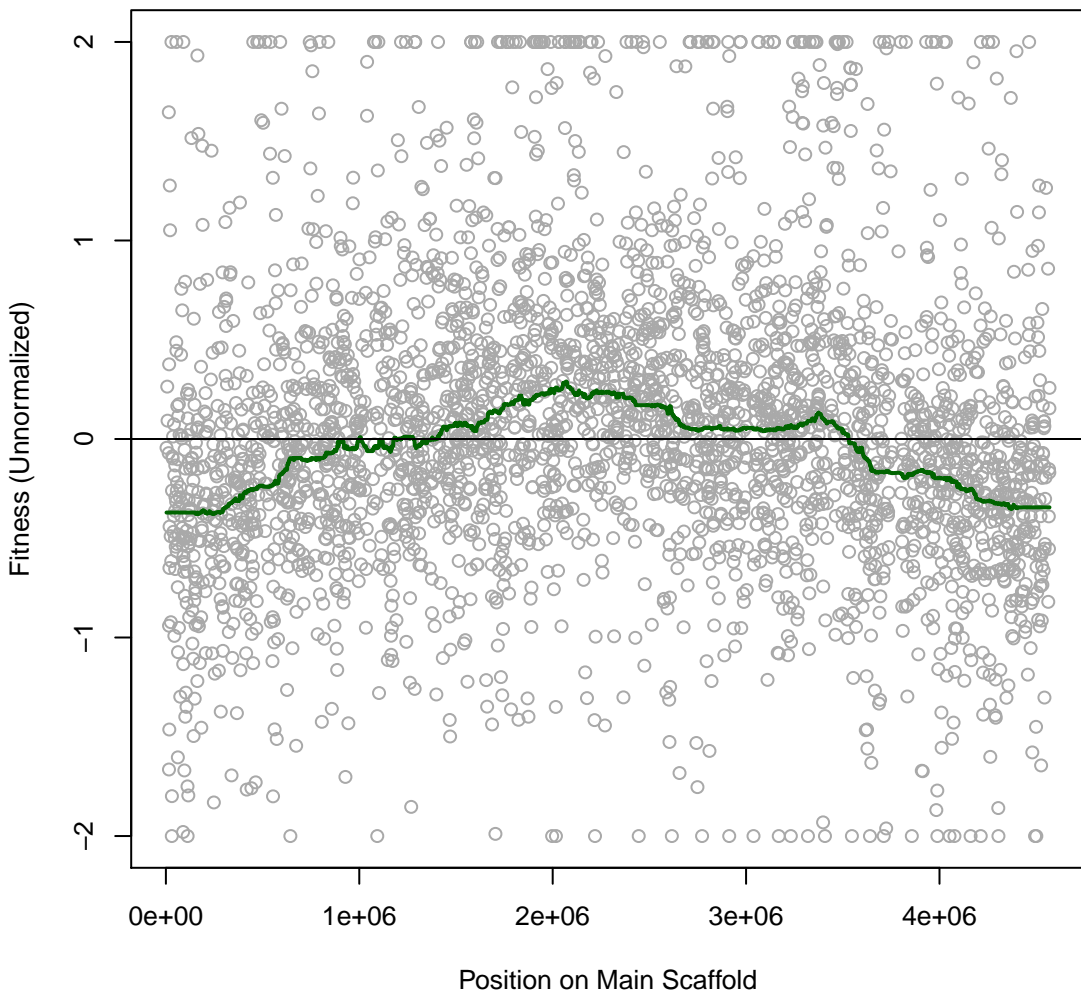
psRCH2 12H29 #176 (gMed=11 rho12=0.215)
Glycine (C)



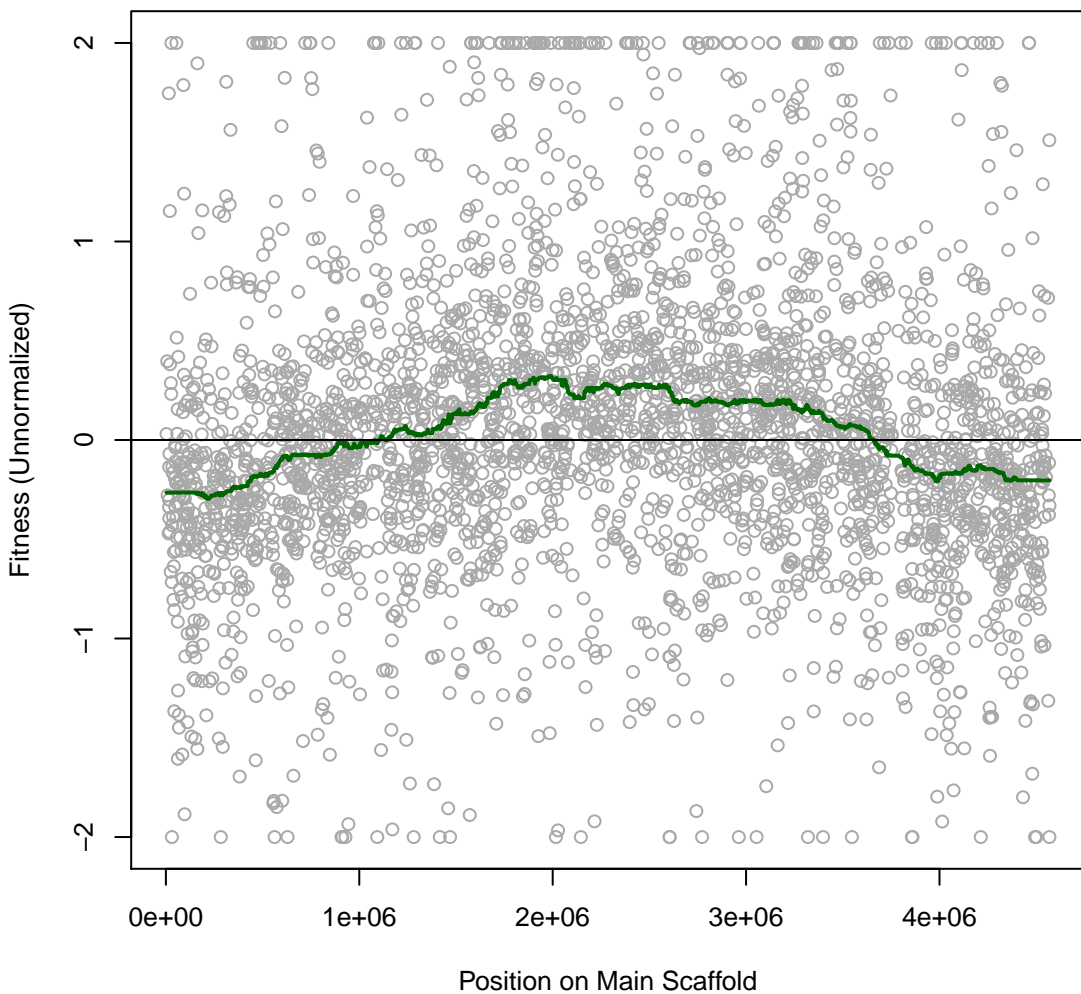
psRCH2 12H30 #177 (gMed=16 rho12=0.217)
Glycine (C)



psRCH2 12H31 #178 (gMed=10 rho12=0.160)
L-Valine (C)

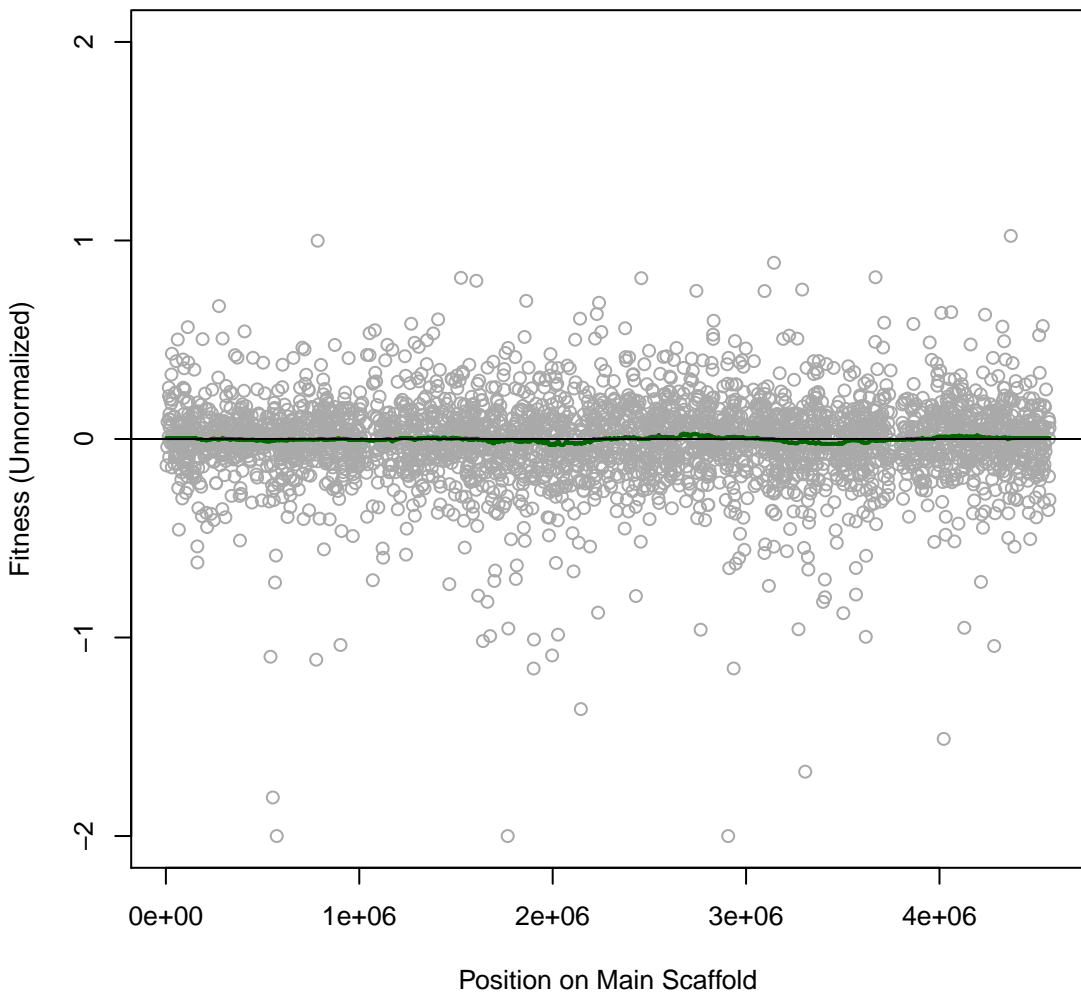


psRCH2 12H32 #179 (gMed=17 rho12=0.202)
L-Valine (C)



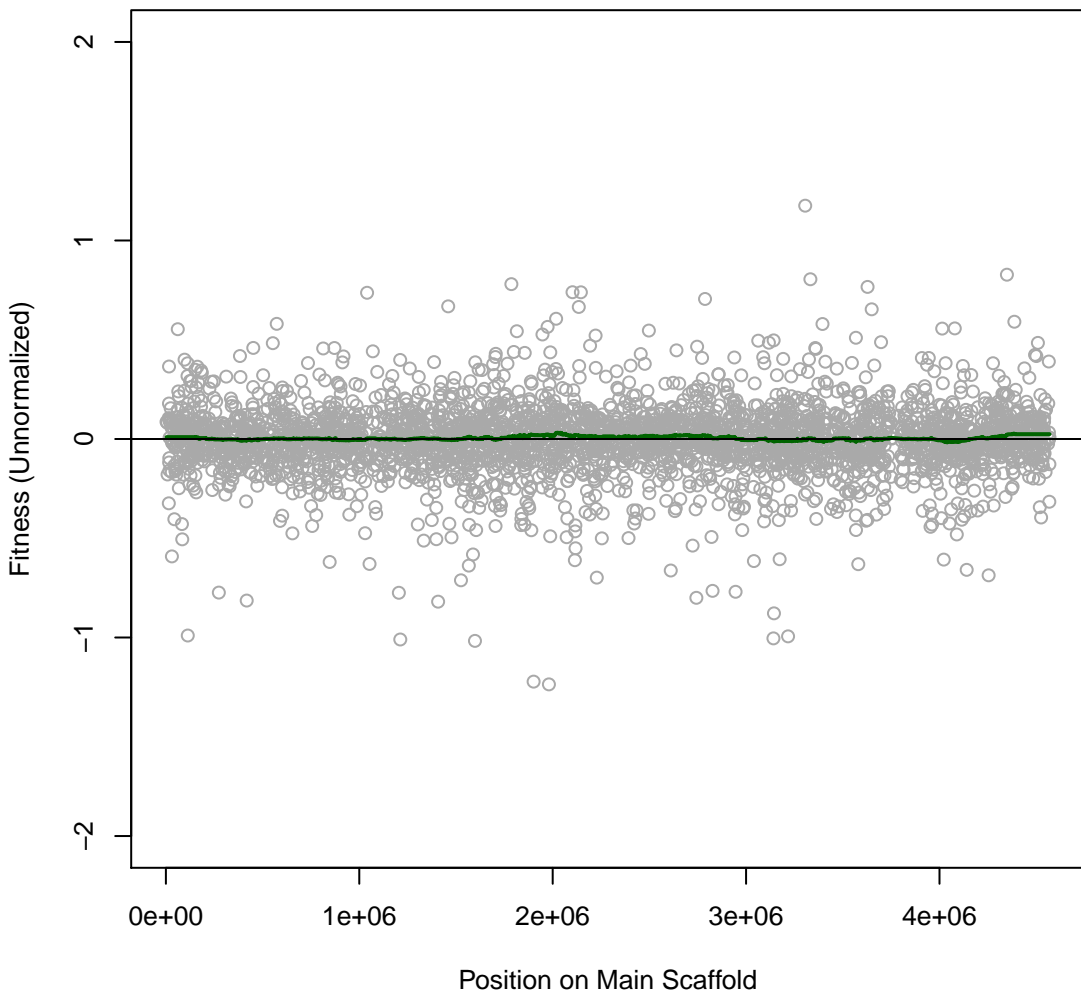
psRCH2 12H33 #180 (gMed=181 rho12=0.003)

Time0



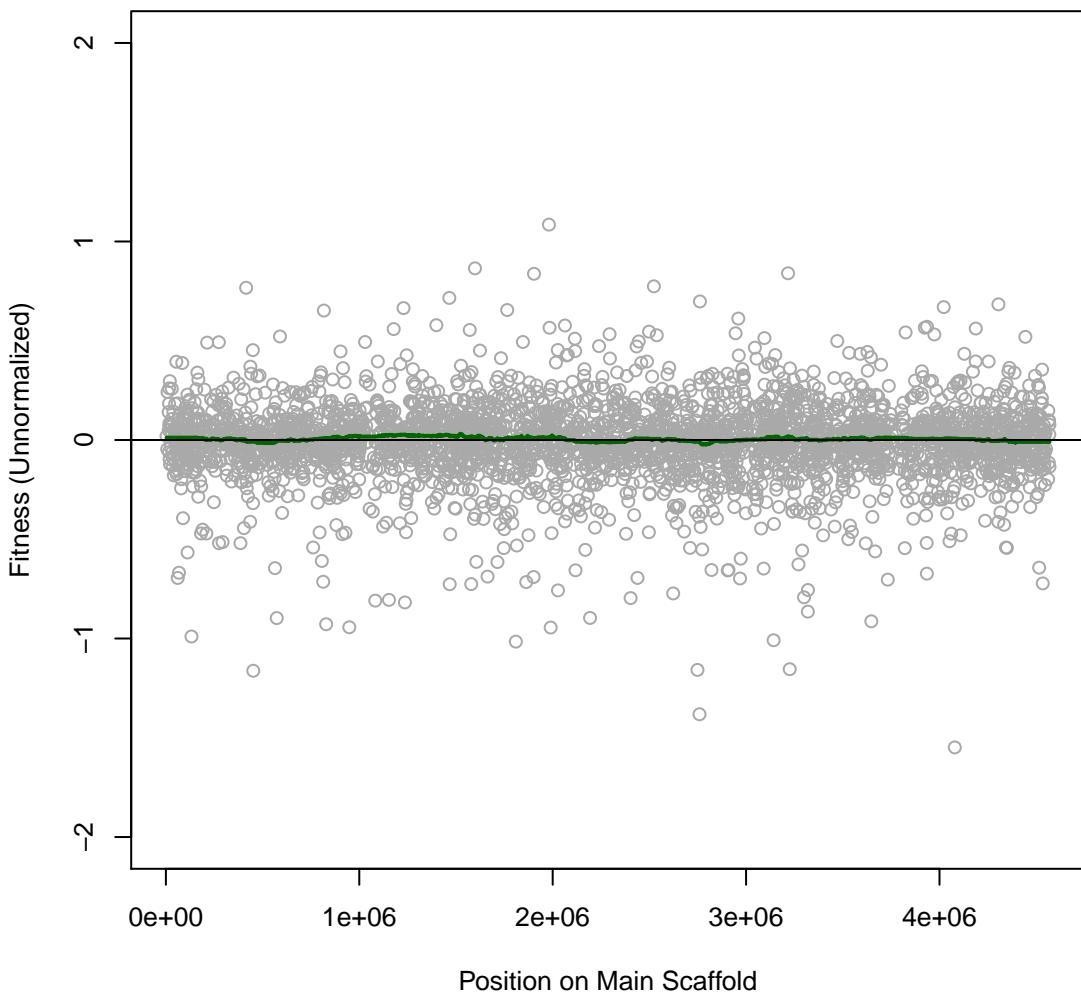
psRCH2 12H34 #181 (gMed=354 rho12=-0.013)

Time0



psRCH2 12H35 #182 (gMed=186 rho12=-0.021)

Time0



psRCH2 12H36 #183 (gMed=201 rho12=0.358)
L-Glutamine (C)

